

THE EUROAVIA MAGAZINE

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Interview with Tobias Bretzel and Schirin Bahlo

- AERO Friedrichshafen Organisers by Giulia Gemma | Page 70

"Today, it is often the future employees who choose where they want to go—not the other way around. Companies now need to invest more resources to attract the right people. Young professionals in particular ask, "Does this job make sense? Am I contributing to something meaningful?"

The Integration of the Green Movement in the Aerospace Sector by Francesco Rapuano | Page 74

"While fully electric commercial aircraft may still be some years away, ongoing progress in hybrid systems, sustainable biofuels, and liquid-hydrogen propulsion is already shaping a greener aviation future"



FROM THE EDITOR

Dear EUROAVIAns,

The Business Year 2024-25 has been an incredible journey of growth, leaving me feeling proud and already nostalgic about all the memories shared.

With a record number of International Events, EUROAVIAns from across Europe came together like never before, and our presence at conferences and exhibitions ensured that the voice of students was not only heard but amplified. True to our motto, "Build the wings of your future," we worked to bridge the gap between students and the aerospace industry, create meaningful opportunities, and shape a future for aviation that is more inclusive, innovative, and open to all.

It is with great pleasure that I welcome you to the 9th issue of the EUROAVIA Magazine, a vibrant reflection of our shared experiences throughout the year. Within its pages, you'll find stories, insights, and moments that capture the essence of our community, both international milestones and local highlights.

Working Groups, Local Groups, Alumni, Sponsors and Collaborators, every single member of the EUROAVIA family is part of this magazine. I want to personally express my gratitude to all of you for believing into this crazy idea that is EUROAVIA and turning our wildest dreams into reality, a reality we tried to capture into the following pages. We hope you enjoy reading it as much as we enjoyed creating it and that it inspires you to carry the EUROAVIA spirit even further!

Of course, none of this would have been possible without the incredible dedication of my team. A special thank you goes to the editing team, David, Elif, Giulia, Ida, and Yassin, and our designers, Erika and Francesco, as well as our IB responsible, Angeles. Your work made this issue possible, and I'm deeply grateful.

Happy reading and see you around Europe!

Warm regards,

Athina Maria Athanasaki

Communication Working Group Coordinator

OUR TEAM MEMBERS



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LETTER FROM THE IB

Dear reader,

It is with great emotion that we are writing this letter that feels like our last statement as IB. For the IB, this year could be depicted with the word "Alignment": through adversities we have learnt to become one, supporting and covering for each other without questioning.

The beginning of the year was a time of discovery as we witnessed closely the unique dynamics of EUROAVIA and its surprising potential. Now, a year since the exciting approval of the Congress, we look back and realize how much has changed. The responsibility of representing the larger Association of Aerospace Students was upon our shoulders, and bridging the gap between students and the aerospace sector became our common will. From that moment on, we stopped being Elia, Stamatis and Angeles to become Secretary, Treasurer and President of EUROAVIA.

The EUROAVIA network is truly amazing and inspiring: new and former members alike carry the EUROAVIA Spirit with pride and spreads it throughout their daily life. EA Spirit means unity, internationality, having a friend in someone you once met at an International Event in disregard of the years that pass by. As IB, we have always witnessed the EA Spirit and have felt proud of the community we are part of.

We would like to use this letter to appreciate the amazing work that our Working Groups have done throughout the year. Our Business Plan would have remained just a plan without their support and effort. They are the power of EUROAVIA, constantly challenging themselves to enhance their work and surprise us with incredible initiatives and final products above our expectations. Particularly, we would like to take a moment to thank the Coordinators and Back-Up Coordinators: they are always willing to implement any crazy request that came to our mind, always making it better.

We would also like to thank our sponsors and collaborators. Thank you for believing in EUROAVIA and our projects. The professionals and leaders of tomorrow will be better prepared thanks to your support and effort today. We hope that our performance this year was satisfactory and that we maintain a fruitful collaboration for many more years.

Finally, we would like to send a message to all the Local Groups: thank you for being here, for your effort and your work. You are the base of the Association and the reason why IB and Working Groups work every day. Please keep spreading the EUROAVIA Spirit in everything you organize; it all adds to our general objective: to bring students who share a passion together and empower them. Don't be shy of asking for help, our network is always ready to give you a hand.

See you around Europe and beyond,

Elia, Stamatis and Ángeles

The International Board of 2024-2025

ABOUT THE IB:

Ángeles is an Aerospace Engineering student at the University of Sevilla. She is passionate about management and building connections and aims to develop her career in the management area of the Aerospace sector.

Stamatis is an undergraduate Mechanical Engineering student in the University of Patras. He loves flying and wants to become an aviator.

Elia is a Master and future Doctoral student of Computer and System Engineering in ENAC and a member of AS Toulouse. Fascinated by innovation and interested in research, he wants to walk the line between engineering and science



LETTER FROM THE DIB

Dear EUROAVIAns,

It is with immense joy and heartfelt emotion that we, your DIB Officers, address you today—not only as representatives, but as fellow EUROAVIAns united by a shared purpose. This message comes from a place of hope, courage, and unwavering belief in the strength of our community, which welcomed us from the very beginning.

As we look back on our journeys, we do so with pride. Not just for what we've individually achieved, but for the paths that, though different, have led us to this common destination. From Portugal to Italy, from diverse Working Groups to distinct projects and experiences—our stories are unique, yet now deeply intertwined by a collective mission: to nurture and elevate this home we call EUROAVIA.

We have brought together our passions, our skills, and the lessons we've learned inside and outside this association. We've embraced the responsibility entrusted to us at EMEAC in Lyon, and with that trust, we committed ourselves to building something meaningful—something lasting.

Our vision is rooted in connection. We believe the future of EUROAVIA depends on a healthy, united foundation. That begins by bridging the gap between the International Board and the Local Groups—by stepping down from formality and stepping closer to those who give this association its heart and soul. We want every Local Group to feel heard, supported, and empowered to shape EUROAVIA with us.

To our Working Groups, we offer not just tools, but presence. Not just guidance, but partnership. Your drive, your effort, and your dreams are vital to this association—and we are here to walk beside you, to uplift you, and to make sure you always feel that your work matters.

We are not alone in this journey. Beside us walk future leaders—members who joined us and have already shown the same spark, determination, and vision we carry. Together, we are working to pause, to listen, to rebuild with care—so that when we move forward, we do so stronger, more united, and more ready than ever to reach new heights.

Now, more than ever, we need you. Your voice, your presence, your belief. We were chosen to serve, but this journey belongs to all of us. Over 4,000 students across borders and cultures, connected by one shared passion—this is the power of EUROAVIA.

Let us move forward—together—with open minds, strong hearts, and the unshakable belief that what we build today will inspire generations to come.

With strength and unity,

Your DIB Officers

ABOUT THE DIB:



Luigi is a Master's student of Aeronautics at Federico II University in Napoli. Always fascinated by structures he is specialising in Aircraft design with the dream of designing his own aircraft.

Pedro is a Master's student in Aeronautical Engineering at the University of Beira Interior and a member of AS Covilhã. He stands where the worlds of aviation and project management collide, driven by a passion for logistics and strategic planning within the aerospace field.

UPCOMING International Events

SYMPOSIUM AS Braunschweig October 2025 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

26 27 28 29 30 31

April 2026 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

PAS Izmir

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FLY - IN PAS Minho						
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28	29	30				

September 2026 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



INTERNATIONAL EVENT REPORTS

Immerse yourself in the "EUROAVIA Spirit" through our International Events, where members explore the world and build lasting connections. In this chapter, discover the remarkable adventures and experiences from the past Business Year.

ExMEAC & AMEAC 2024

 $AS COVILH\tilde{A} \mid 21^{st}$ - $28^{th} SEP. 2024$

Greetings, EUROAVIAns! As another successful congress ended, we are happy to reflect on the eventful week we spent at the Universidade da Beira Interior, located in the picturesque city of Covilhã. The congress was marked by engaging discussions, inspiring presentations, and the strengthening of connections within our aeronautical community. Let's take a closer look at the highlights of this enriching experience.

On the 21st of September, most participants arrived in Covilhã, and the event kicked off with a casual meet-and-greet at a local park near the hotel, where we enjoyed a picnic. Old friends reconnected, and new bonds were formed in a welcoming and relaxed atmosphere.

ExMEAC 2024 officially opened the week of the 22nd of September, with the election of the new IB and their respective roles. Meanwhile, other congress participants continued to arrive throughout the day, soon representing 12 different countries.



On the first night, the group gathered at Leões da Floresta bar, where the organisers prepared traditional Bifanas, grilling the pork over charcoal for a smoky flavour.

As they enjoyed the meal along with a few beers, the atmosphere was relaxed and friendly. The evening also included participating in a TikTok trend, this set the tone for a fun start to the trip.

Following the ExMEAC, the AMEAC began, and after several productive business meetings and in-depth discussions, it was time for Cultural Night on Tuesday. Hosted at one of Covilhã's discos, this social event allowed congress members to share and taste snacks from their home countries. Despite an early start to the rainy season, with showers that night, the weather didn't dampen the spirits of EUROAVIAns, who enjoyed a lively and funfilled evening—a perfect break from the more formal atmosphere of the meetings.



On the morning of the 25th, participants had the option to relax in their hotel rooms or visit the spa or join a tour of Covilhã. Although the weather hadn't improved, some members took



the opportunity to explore the town, undeterred by the rain and steep hills. In the afternoon, attention turned to the sponsor fair, where participants learned about ongoing projects and the inner workings of various companies.

It was an informative session and a valuable opportunity to connect with the industry.



Finally, on Friday the 26th, besides all the final touches of the congress, we had the opportunity to receive a new proposal to PAS in person, by the Aerospace Students of Universidade do Minho. It was a nice moment, to see the excitement of new students wanting to be a part of our community, and at the end, they were voted in favour and now we have officially the PAS Minho to be along with us in EUROAVIA.



After the closing of the final business meeting, attendees gathered for a gala dinner at the Paço 100 Pressa restaurant. This was the last occasion for everyone to come together before departing. While some chose to stay and explore Covilhã further, others opted to visit other parts of Portugal, including Lisbon and Oporto.

Overall, it was a unique experience for both first timers and veterans of the congress. The week was filled with goodwill and enthusiasm, and much was accomplished. From AS Covilhã, we sincerely hope all participants enjoyed their stay, and we'll always welcome EUROAVIAns with open arms should they wish to visit again!

AEROUBI & AS Covilhã was founded in 1993 by a group of students at the University of Beira Interior. The group became an AS in 2003.

From 2024 they are proud holders of the EUROAVIA Archive, an essential part of the Association's histoy.

ABOUT: AS COVILHÃ

FLY - IN

AS MILANO | 15th - 19th OCT. 2024

From the 15th to the 19th of October, EUROAVIA Milano hosted its first International Event, a significant step towards becoming an associate member of EUROAVIA. The event during the International took place Astronautical Congress (IAC), the largest global congress in the astronautics field, which this year was held in Milan. This unique opportunity allowed our participants experience the congress while exploring the city of Milan.

We ensured our guests had everything they needed, providing congress tickets, hotel rooms, and meals from the first evening's dinner on the 15th until the final dinner on the last day. We wanted to create a memorable experience, giving our participants the freedom to enjoy both professional and social activities.

On the 15th, guests began to arrive, and we all gathered for a welcome dinner at a historic pizza chain close to their hotel. Famous for its thick, tasty pizzas, the restaurant provided the perfect setting for everyone to relax and get to know each other. Some of our guests chose to rest afterward, but others, accompanied by one of our members, attended "Ape Milano," a weekly outdoor event in the streets of Milan. It offered our guests a chance to talk, dance, and experience Milan's vibrant nightlife under the city's towering skyscrapers.



The second day started with breakfast at a lovely café between the hotel and the congress venue. After enjoying a traditional Milanese breakfast of croissants and cappuccinos, the group headed to the IAC, where they were free conferences and explore exhibition. For lunch, everyone received tickets to dine at a nearby restaurant of their choice.

In the afternoon, four participants attended the "Meet the Astronauts" event at our university, where four astronauts answered questions from students. The others stayed at the congress, enjoying their free time until dinner. That evening, we dined at a typical "Ristorante Pizzeria" in the Navigli district, famous for its picturesque canals. Our guests traditional dishes like "gnocchi alla sorrentina" and "pasta e patate," followed by a post-dinner gelato walking along the canals.



The third day was similar to the second, with most participants spending the morning at the congress. A city tour was planned for the afternoon, but due to severe weather, including a weather warning, we had to cancel it. Instead, we focused on the much-anticipated "Cultural Night." After the congress, we moved to a different part of the city for dinner, where participants enjoyed a variety of Italian dishes. Following dinner, we headed to a bar where one of our members works, for the Cultural Night. The groups really enjoyed the evening, tasting food and drinks from different countries and sharing traditions from other cultures. Before returning to the hotel, our group received a wave from the balcony of our member's parents a delightful, quintessential Italian moment that left a lasting impression on our guests.

On the final day, we split our time between the congress and our university. In the morning,



participants attended the last sessions of the IAC, while in the afternoon, they joined us for a presentation by our sponsor, NOVASPACE, a consulting company in the space sector. Our guests received event t-shirts and aerospace magazines, and we took a group photo with the sponsor to commemorate the occasion.

After the presentation, some guests chose to explore the city center, while others returned to the congress to attend the final conferences. That evening, we gathered for a final dinner at a gourmet pizza restaurant near the hotel, a strategic choice given the transportation strike that day. The pizza was delicious, impressing even our most discerning Italian guests!



Following dinner, we took a walk-through Milan's Chinatown, the second largest in Europe, known for its vibrant cocktail bars. With the weather finally improving, we enjoyed one last drink together, reminiscing about the event and the friendships formed.

To be honest, organizing this event was not at all easy, since it was the first one for us and given the overlap with a critical period of our technical project. We had to put in a lot of effort to organize a beautiful event that would leave a good memory for everyone, but I must say that, amidst difficulties, we did it. Unfortunately, the weather was very bad (our guests had some unexpected showers) and in this period transportation strikes and delays are very frequent in Milano. But despite all that, we can say that people had a good time and enjoyed themselves, and seeing their posts after they left telling how they had made friends for life really warmed our hearts.

In the end, that's what this kind of event is all about, and we are honest when we say it was worth all the effort behind it!

We can't wait to meet you again around Europe!

Founded in 2022, at Politecnico di Milano. Their mission is to design and build fixedwing drones for high-level international competitions, while serving as an educational bridge between university and industry. They foster talent, innovation, and practical experience, preparing students to shape the future of aviation.

ABOUT: AS MILANO

IDEATHON '24 - 1st Phase

AS TOULOUSE | 26th - 31st OCT. 2024

From October 26th to 31st, 2024, AS Toulouse proudly hosted the Ideathon at École Nationale de l'Aviation Civile (ENAC), a premier school in Europe. aerospace With participants from across Europe and beyond, this international event was a celebration of innovation, teamwork, and cultural exchange, offering attendees an unforgettable experience both academically and socially.



The Ideathon kicked off with an enthusiastic welcome at ENAC, where participants were introduced to the unique French campus atmosphere. Over the next 48 hours, nine teams worked tirelessly on their challenges, fueled by passion, creativity, and determination. Guided by experienced mentors, they had dedicated sessions to refine their ideas and overcome obstacles, ensuring the highest level collaboration and learning.

After competition the intense phase, participants were treated to a memorable Cultural Night. Teams showcased traditions by sharing food and drinks from their countries and performing traditional dances, creating a vibrant evening of camaraderie and cultural appreciation.



The next day, the adventure continued with a visit to the Aeroscopia Museum, where participants explored the iconic Concorde and A380, gaining insight into aviation's rich history. However, the event's highlight was an exclusive tour of Airbus's Final Assembly Line for the A350, offering a firsthand look at cuttingedge aerospace innovation and the intricate processes behind building one of the world's most advanced aircraft.

As the event concluded, the top three teams were announced during the Final Dinner at a charming French restaurant. These finalists now advance to the grand finale in Zagreb, Croatia, where their ideas will compete on an even bigger stage.

The Ideathon 2023 was a remarkable success, blending rigorous competition with cultural professional enrichment. EUROAVIA Toulouse. supported bv **EUROAVIA** International, demonstrated exceptional organizational expertise, creating an event that participants described as "amazing" "unique." From the collaborative challenges to the unforgettable experiences in Toulouse, the Ideathon embodied the true spirit EUROAVIA: fostering innovation, cultural exchange, and a shared passion for aerospace.



Stay tuned for updates on the final competition in Zagreb and join us for future events as we continue to connect and inspire the aerospace community!

Founded in 1989, they represents students from ISAE Supaero and ENAC in Toulouse, France. The LG has maintained continuous growth in participation and engagement, offering a mix of technical activities, cultural trips, webinars, and exclusive visits.

ABOUT: AS TOULOUSE

IDEATHON '24 - Final Phase

AS ZAGREB | 1st - 6th DEC. 2024

From the 1st to the 6th of December 2024 AS Zagreb had the opportunity to host the Ideathon Finale. Following the first phase in Toulouse, the participants had the opportunity to bring their ideas to Zagreb, Croatia.



The participating teams arrived on the 1st of December and settled into their accommodations. Although the original plan was to have a welcome dinner at the hostel, a change in circumstances led to an impromptu outing to a local pub, where pizzas were ordered. This turned out to be a delightful start to the event, as everyone thoroughly enjoyed the relaxed atmosphere.

On the morning of the 2nd day, members from EUROAVIA Zagreb welcomed the participants with an introduction to the organisation and the city of Zagreb. This was followed by presentations from the event's sponsors – Ansys, EUROCONTROL and IGA. Afterwards, each team was assigned a unique challenge to complete, setting the stage for the core competition.

The final challenge of the Ideathon officially began on the 2nd of December at 14:15 CET and spanned over 48 hours, ending on the 4th of December at the same time. During this intense period, teams were given dedicated spaces to work, enabling them to focus entirely on their tasks. Recognising the importance of flexibility and efficiency, the organisers refrained from imposing a strict schedule for meals or breaks, allowing participants to manage their time as they saw fit.

This structure encouraged creativity and collaboration, fostering an environment where teams could work at their own pace while leveraging their diverse skills and ideas. The challenge pushed participants to think critically, solve complex problems, and present innovative solutions.

Once the challenge ended, the teams presented their solutions to the sponsors and other participants. The presentations showcased the remarkable ingenuity and dedication of the teams, with a wide range of innovative ideas on display. Presentations were wrapped up by 16:30, after which the teams had free time to relax before the highly anticipated "Cultural Night".

The following morning, the teams visited the Technical Museum Nikola Tesla. Here, they attended several engaging lectures. Afterwards, they enjoyed lunch and some free time to explore or unwind in the city.

The event concluded with a memorable dinner at a traditional Croatian restaurant, chosen to provide a genuine cultural experience. Guests were treated to a variety of classic Croatian dishes and beverages, immersing themselves in the rich flavours of the region. The highlight of the evening was the announcement of the winning team, AVAION from AS Patras. Their innovative approach, exceptional teamwork, and well-executed solution earned them the top spot in the competition.



After dinner, the group visited the EUROAVIA Zagreb workshop, where the team demonstrated some of their projects, including rockets and drones, providing an insightful glimpse into their work.

The Ideathon Finale was not just a competition but an enriching cultural and technical exchange, leaving lasting impressions on all who attended.

Founded in 1999, their activities focus on design-build-fly competitions, personal UAV projects, and, more recently, rocketry initiatives, including the development of a liquid fuel rocket engine.

ABOUT: AS ZAGREB



FLY - IN

PAS SAMSUN | 26th - 30th JAN. 2025

From January 26th to the 30th, 2025 PAS Samsun had the opportunity to host a Fly-In, welcoming EUROAVIAns to the Turkish city of Samsun.

Everything started off with a "Welcome Dinner" to warmly greet our guests. Participants were welcomed by our team upon their arrival in Samsun, and a brief introduction to the event was provided. We prepared and served traditional Turkish dishes, offering unforgettable feast to our guests. The evening not only introduced the unique flavours of Turkish cuisine but also created an opportunity for cultural exchange. It was the best possible way to start the event!



We started the day early with a delightful breakfast, accompanied by a breathtaking view. Following breakfast, we embarked on a city tour of Samsun, exploring its historical and touristic landmarks. Our first stop was the Bandırma Ferry Museum, where we learned about the establishment of the Republic of Turkey. Next, we visited the Gazi Museum, where we gained insights into Atatürk's arrival in Samsun and its historical significance. Later, we ascended Amisos Hill, which offers one of the most scenic views in Samsun and captured beautiful moments through photographs.

After the city tour, participants had free time to explore Samsun at their own pace. Some chose to relax in cafes and socialise, while others engaged in shopping or visited different parts of the city. In the later hours, we organised an exciting go-kart race, which added competitive and fun element to the day. In the evening, after enjoying a delightful dinner, we moved to a different district for various social activities, including karaoke, billiards, and board games, making the night an enjoyable experience.



We started the third day with a light breakfast, followed by our seminar program. The first part was presented by our faculty advisor, who introduced the history of our local group and provided an overview of our university. The presentation included past projects and future goals of the clubNext, one of our alumni delivered an insightful presentation on the aviation industry in Turkey, discussing current developments and career opportunities in the sector. This was followed by a presentation on aircraft design, covering essential engineering principles and methodologies. Finally, our esteemed sponsor provided a briefing on their contributions to the aviation sector and introduced their latest innovations.

After a snack break, we proceeded with the model rocket workshop. Participants designed and built their own model rockets, engaging in a process that required both technical skills and hands-on experience. Once the rockets were assembled, aerodynamic evaluations were conducted before testing them at the beach. At the beach, everyone launched their model rockets and observed their performance, making this a highly engaging and educational experience.

In the evening, we visited Kızılırmak Bird Sanctuary, where we enjoyed the breathtaking sunset and explored the beauty of nature. Following dinner, we went shopping for the Cultural Night and completed the final preparations.

Cultural Night became a hub for cultural exchange. Everyone brought food beverages from their contries, sharing and different cuisines. tasting In addition, participants played their traditional music and taught each other their local dances. Everyone had an incredible time, dancing, laughing, and making cherished memories.



On the next day, we started a bit later with a light breakfast before heading to the Ladik Akdağ Ski Center. Although the snowfall was limited, we still enjoyed a scenic cable car ride, reaching the summit of Akdağ Mountain and admiring the breathtaking panoramic views. Participants took plenty of photographs and embraced the beauty of the winter landscape.



Afterwards, we engaged in snowball fights and played with the available snow. Some participants also had the chance to ski, making the trip even more thrilling.

Following our time at the ski resort, we visited Ambarköy Open-Air Museum, where we explored its historical structures and learned about the region's architectural heritage. The museum featured traditional wooden houses, granaries, and workshops, providing an insightful glimpse into the local history and lifestyle. Participants had the opportunity to walk through the historical village and immerse themselves in its cultural atmosphere.

After a long yet fulfilling day, we enjoyed a delicious dinner before returning to Samsun, reflecting on the incredible experiences we had throughout the trip.



On the final day of the event, we gathered for our last breakfast at a cozy café. During breakfast, we shared our experiences and collected feedback from the participants. Everyone expressed their appreciation for the event, emphasizing its success both socially and technically. After warm goodbyes, we concluded the EUROAVIA Fly-in Samsun event on a high note.

This event provided invaluable experience in both technical and social aspects. Participants expanded their knowledge of the industry while forming new connections and experiencing different cultures. The EUROAVIA Fly-in Samsun event left a lasting impression, filled with unforgettable moments and valuable friendships.

Founded in 2015 at the University of Samsun, EUROAVIA Samsun is dedicated to providing diverse educational programs, industry expert events, and impactful projects. In 2023, they reestablished contact with EUROAVIA and, following a successful presentation, achieved PAS Samsun status with a high acceptance rate.

ABOUT: PAS SAMSUN

FLY - IN

AM CAIRO | 16th - 22nd FEB. 2025

Fly-In Cairo 2025, held from February 16th to 22nd, was an extraordinary experience that captivated EUROAVIAns with its mix of cultural exploration and aerospace enthusiasm. Organised by EUROAVIA Cairo team at Zewail City University, the event delivered unforgettable moments.

Our base was Dahab Hostel Cairo, a centrally located retreat offering easy access to the city's treasures. The itinerary featured visits to iconic landmarks like the Pyramids of Giza, the Egyptian Museum, and Khan El Khalili, paired with aerospace-focused activities at the Zewail City University.

Participants arrived in Cairo, tired but excited. The warm welcome at Dahab Hostel fostered a sense of community, with introductions and light refreshments setting a positive tone. We had our welcome dinner and then we spent the night in "Ahwa Balady" a type of caffé where we had an unforgettable night filled with laughter.

After a nourishing breakfast, the group travelled to Alexandria for a day of exploration. The Citadel of Qaitbay offered stunning Mediterranean views, while the Alexandria Library inspired awe with its architectural and intellectual grandeur. A stroll along the Corniche provided photo opportunities. The day concluded at Sporting club where a delicious dinner preceded a restful evening.



The day after, breakfast energised the group for a visit to the Egyptian Museum in Tahrir Square, where Tutankhamun's treasures and ancient statues left everyone spellbound. The evening offered free time, to explore Cairo's vibrant streets and enjoy local cuisine.

On day 3, the Pyramids of Giza were a highlight, their majesty surpassing expectations. The Sphinx captivated the group, inspiring numerous photographs.



Later, the group visited Zewail City University, for a meeting with EUROAVIA Cairo members, fostering meaningful connections.

The evening's Cultural Night was a vibrant celebration of shared traditions, accompanied by a flavourful dinner.

The next day, the group explored Old Cairo, where the Citadel of Saladin provided stunning city views and the Complex of Religions highlighted Egypt's interfaith history. After lunch, Khan El Khalili's bustling market enchanted everyone with its array of spices, jewellery, and textiles. Some secured unique souvenirs, while others embraced the lively chaos of the market's alleys.

The day's highlight was a two-hour yacht cruise on the Nile, where participants shared beverages and foods representing their cultures. The festive atmosphere, filled with music and laughter, was unforgettable.

The final day involved a dinner on the Nile and farewells. Participants exchanged details, shared heartfelt goodbyes, and reflected on the week's memories before departing.

Fly-In Cairo 2025 was a remarkable journey that blended cultural discovery with professional and personal growth. The awe-inspiring Pyramids, the vibrant markets, and the serene Nile cruise created lasting memories, while EUROAVIA Cairo's hospitality strengthened our community, leaving participants with cherished friendships and a deep appreciation for Egypt's heritage.

AM Cairo was originally founded in 2016, later disbanded and refounded in 2022 and is based at Zewail City for Science and Technology in Cairo, Egypt. They provide opportunities to engage in aerospace activities both in Egypt and abroad.

ABOUT: AM CAIRO

EMEAC 2025

AS LYON | 23rd - 29th MAR. 2025

Bonjour EUROAVIAns! Between 23rd and 29th March, AS Lyon had the privilege to host the Electoral Meeting of the EUROAVIA Congress (EMEAC). The event brought together students, ideas and cultures in a week packed with enriching discussions, unforgettable memories and the everlasting EUROAVIA spirit.

On 23rd March, the participants arrived throughout the day and were warmly welcomed at our accommodation, IBIS Budget. That evening, we kicked off the week with a cozy welcome dinner, featuring Ta5ty pizza — a true staple of student life at INSA Lyon. Many participants met each other for the first time, and others had reunions with friends made from other events. After a hearty meal filled with socialising, participants had a welldeserved sleep!



The next day began with the official opening of the Congress, and the atmosphere was electric. Participants from all Affiliated Societies (AS) and Working Groups (WG) gathered with enthusiasm, ready to voice their opinions and shape the future of EUROAVIA. The business meetings provide a vital platform for discussion and debate, allowing members to represent their local groups and contribute to key decisions.

On the evening of March 25th, we held the much-anticipated Cultural Night, unforgettable tradition at every EUROAVIA event. Participants proudly brought cuisine from their home cities and countries, sharing food, culture, and laughter in celebration of our diverse community.



After a few days of intense business meetings, participants received a well-deserved break on the 26th, where we explored the beautiful city of Lyon. We saw the marvellous Basilica of Notre Dame of Fourvière, an iconic landmark of the city, erected in honour of the Virgin Mary. From its hilltop perch, the Basilica offers a sweeping view of the entire city, and on clear days, even Mont Blanc can be seen on the horizon. We also visited Tete D'or and Bellecour, which are unmissable parts of the city. For lunch, we ate the famous French tacos - born right here in Lyon!



After our delicious lunch, we made our way to the Ansys office in Villeurbanne. The team welcomed us with an insightful presentation on their cutting-edge simulation technologies and their applications across various industries particularly in aerospace. A big thank you to Cédric Bellanger and Mauricio Dwek for organising these talks! We were also honoured to hear from Ms. Cate Bichara, a distinguished speaker who delivered an inspiring talk on human sustainability and its importance in our field.



27th of March was a pivotal and inspiring day, as the Congress hosted the DIB candidate presentations and voting. Pedro Moreira and Luigi Ammirabile shared their visions for EUROAVIA, and with overwhelming support from the Congress, were selected as the Designated International Board (DIB)!



We warmly congratulate them and wish them a year of success in their roles.

On the final day of the congress, we wrapped up the last of the business meetings. The event concluded with a farewell dinner in the heart of Lyon, where we shared a meal of traditional Lyonnaise cuisine paired with French wine. As the evening came to a close, so did a week of connection, collaboration, and memories. We parted ways with heartfelt goodbyes—and excitement for the next Congress in Patras!



EMEAC 2025 was a truly fruitful event that brought together EUROAVIAns from across Europe, giving us the chance to share the EUROAVIA spirit, share our passion for aerospace, celebrate cultural diversity, and form lifelong friendships along the way. It was an especially meaningful milestone EUROAVIA Lyon, as this congress marked our first international event and the moment we officially became a full Affiliated Society (AS). We are incredibly grateful and humbled to be part of such a welcoming and inspiring network, and we look forward to continuing our contributions to EUROAVIA in the years to come!

Founded in 2023 at INSA Lyon, EUROAVIA Lyon grew from a shared passion for aviation into a vibrant community of aspiring aerospace professionals. In just two years, they hosted the EMEAC Congress, became a permanent Affiliated Society, and achieved notable successes in technical competitions, establishing themselves as a rising force in the EUROAVIA network.

ABOUT: AS LYON

Sustainability for the Future Symposium

PAS IZMIR | 4th - 8th MAY 2025

From May 4th to 8th, 2025, we had the opportunity to host our first international event, a Symposium focused on sustainability for the future, in the wonderful Turkish city of Izmir.

Our event kicked off with the arrival of our international participants. Some of them reached Izmir earlier in the day and joined us for an informal cultural excursion to Kemeraltı Bazaar, one of the oldest and most vibrant marketplaces in the city. We walked through the narrow streets, shopped for souvenirs, and ended the tour with a delicious traditional Turkish meal that included mezes, kebabs, and homemade serbet.

After the excursion, participants were guided to their hotel rooms to rest and settle in. In the evening, we hosted our official Welcome Dinner, where the PAS İzmir team greeted everyone with big smiles and open arms. The atmosphere was warm and inclusive, icebreakers weren't even necessary as everyone mingled naturally.

An unexpected but delightful highlight of the evening was a local wedding celebration taking place near the venue. Without hesitation, we invited our international friends to join the festivity. It quickly turned into a night of spontaneous dancing, laughter, and cultural exchange. Many of them tried Turkish halay for the first time and they absolutely loved it. It was an unforgettable way to start the event.



The second day marked the official opening of our Symposium, which consisted of four sessions, mostly focused Sustainable on Aviation Fuel (SAF). While the technical nature of the presentations was appreciated by many, we noticed that a few participants found some parts slightly too complex.

Despite this, all speakers delivered valuable insights into the future of aviation and environmental sustainability.

The final session, hosted by PEGASUS Airlines, lightened the mood with a more engaging and accessible presentation style. At the end, two lucky EUROAVIAns were gifted beautiful model aircraft, a gesture that brought big smiles and a round of applause.

In the afternoon, we embarked on a guided City Tour of Izmir. Participants had the chance to try traditional Turkish coffee prepared on hot sand, feast on Iskender kebab, taste the city's signature desserts like bomba and sambali, and visit historical landmarks such as Konak Square and the Clock Tower. This tour helped everyone unwind and connect more deeply with Turkish culture.



We continued our technical program with four more sessions, which were better balanced in terms of content and audience engagement. The topics sparked more questions, and participants from various countries shared their own perspectives and experiences, enriching the This day received especially discussions. positive feedback from attendees, who noted the improved interactivity and relevance of the talks.

In the evening, we switched to a more relaxed setting for our beloved Cultural Night, hosted at the home of our Vice President, Eren. The cozy house setting created a warm and casual atmosphere where everyone could truly relax. We shared traditional Turkish home-cooked dishes and introduced our guests to local drinks like rakı, şarap, and even homemade liqueurs.

Many participants also brought drinks from



their own countries, making it true a international tasting experience. Many described this night as their favourite part of the event.

Our final day started with a Traditional Turkish Breakfast, featuring menemen, börek, olives, cheeses, simit, and plenty of tea. It was a calm and cozy way to start the day after the previous night's festivities.



After breakfast, we visited one of İzmir's most iconic sites, the Asansör, a historic elevator and viewing platform that overlooks the city. The panoramic view provided a perfect photo opportunity and a moment of reflection as the event began to wind down.

Coincidentally, our university's Spring Festival was taking place on the same day. This allowed our guests to participate in various student club activities, games, and concerts. It added a fun, spontaneous layer to the program and gave our guests a deeper look into campus life in Türkiye.

Later that afternoon, we hosted our Glider Workshop, where participants were divided into teams of five and tasked with building and testing paper gliders. It was both educational

and playful, a great way to wrap up the event's hands-on learning component. The friendly competition to see which glider could fly the farthest sparked lots of laughter and applause.



Finally, we came together one last time for our Final Dinner, held at one of İzmir's finest seafood restaurants along the coast. The menu featured freshly caught fish, traditional mezes, and local specialities. The ambiance, food, and final conversations made for a perfect closing to what had been a rich and fulfilling event. Many hugs, appreciation messages, and promises to meet again were shared.

Founded in 2022 at Izmir University of third-year Economics by Aerospace Engineering students. In May 2024, the new board began full-scale preparations for the group's first international event, Symposium Izmir '25: Sustainability for the Future, building on the strong foundations laid by previous terms.

ABOUT: **PAS IZMIR**

Hypersonic Symposium

AS STUTTGART | 20th - 23rd MAY 2025

The EUROAVIA Hypersonic Symposium 2025, held in Stuttgart, Germany, brought together aerospace enthusiasts from several different countries for a four-day event focused on the future of hypersonic technology. Hosted by EUROAVIA Stuttgart, the event served as a dynamic platform for both knowledge and cultural exchange. The symposium took place from May 20 to May 23, with attendees participating in a blend of presentations, lab tours, and social activities designed to foster a healthy learning environment. Key sponsors for the event included Airbus and Ansys, whose support helped make this initiative possible.



The first day of the symposium was devoted to arrivals and introductions. After a long travel, the attendees met at the scenic Teehaus in Stuttgart-Süd for a relaxed welcome dinner. Guests were served local specialties, including Maultaschen burgers- a Swabian twist on a classic dumpling- and a variety of regional beers. This culinary introduction set the stage for cultural immersion and gave international taste attendees their first of Württemberg's traditions. For many, this was a great opportunity to connect with fellow aerospace students from other universities, in a light and welcoming mood, full of anticipation for the days to come.

The academic portion of the symposium began on Wednesday, albeit with a delayed start due to last-minute changes in the schedule. Participants gathered for lunch at the university canteen, enjoying a casual atmosphere despite short but intense downpours that briefly interrupted outdoor plans.



The first technical lecture was hosted at the Institute of Space Systems (IRS) and delivered by M. Sc. Johannes Oswald. His presentation, titled "Application of Hypersonic Aerothermodynamics in Re-entry Technology," focused on the complex interplay of heat, pressure, and materials behavior encountered during re-entry phases of spacecraft missions. Attendees gained valuable insights into systems thermal protection and temperature gas dynamics, making it a strong start to the technical side of the symposium.

Following the presentation, participants enjoyed free time, including a beer pong tournament with some of the organisers even joining in. This resulted in bringing the participants even closer together and let them enjoy some shared successes in the game. This would not have been possible without sponsoring by Käpsele, who fortunately supplied the beer. The day concluded with a communal dinner featuring a vegan-friendly dish, Lentil Bolognese, granting everybody the chance to have a warm meal together.

The second day of lectures featured a more intensive schedule. The morning began with a keynote by Christoph Kirchenberger from the German Aerospace Center (DLR), who delved into advanced propulsion concepts and current DLR research in hypersonic technology.

After a lunch of Chili sin Carne, participants toured the ITLR laboratories at the University of Stuttgart. These labs play a crucial role in experimental hypersonic research, and the tour allowed attendees to engage with cutting-edge testing equipment and ongoing student-led projects.



The hands-on nature of the tour allowed attendees to directly observe tools and methods used in hypersonic research, bridging the gap between theoretical coursework and applied engineering. Students engaged with ongoing research projects and learned about the interdisciplinary nature of hypersonic system development.

Later in the day, a fourth technical session was led by John Ressel, who presented on test facilities used at the university for simulating extreme hypersonic environments. This lecture was supported by a photo series highlighting sophisticated infrastructure used experimental aerospace engineering.

Group photos were taken to commemorate the day's activities before transitioning into the evening schedule. Dinner consisted of a traditional Swabian meal- lentils with Spätzlefollowed by the much-anticipated "Spirits Night" held at WuBa, a popular student bar. This social event allowed participants to unwind, strengthen connections, and reflect on the day's experiences in a festive setting.

The final day began with a comprehensive lab tour at the IRS, offering a closer look at active research programs and a plasma wind tunnel, which can be used to simulate the behaviour of air flow in respect to thermochemical processes and reactions at a point along the trajectory of a return vehicle. Participants were guided through experimental setups and simulation suites that support ongoing EU-funded and national research efforts.

Following the lab tour, the organizers prepared a lunch for all participants, providing one last opportunity to gather in a casual, collaborative setting. The rest of the afternoon was allocated as free time, during which participants explored Stuttgart, revisited favorite spots on campus, or simply relaxed before the closing event.

The final gathering took place at "Onkel Otto", a local restaurant. The evening was filled with laughter, shared memories, and heartfelt farewells. Photographs from the captured the spirit of the event - a community brought together by a shared passion for aerospace innovation.

The EUROAVIA Hypersonic Symposium 2025 successfully blended academic rigor with cultural engagement, offering attendees a multidimensional experience that went beyond the classroom. Thanks to the support of sponsors such as Airbus and Ansys, the event was able to maintain a high standard of professionalism and hospitality. Through its series of expert lectures, interactive lab tours, and social gatherings, the symposium provided a valuable platform for learning, networking, celebrating vibrant future and the hypersonic technology.

Founded on May 16th, 1959, EUROAVIA Stuttgart at the Universität Stuttgart is one of the oldest Local Groups in the network. Known for its resilience, especially through challenging years, the group continues to combine technical excursions, such as visits to ILA, MBDA, and SPACETECH, with vibrant social traditions including campus festivals and Christmas celebrations.

ABOUT: AS STUTTGART

FLY - IN

AS PARIS | 19th - 23rd JUN. 2025

In June, EUROAVIA members from all over Europe gathered in Paris for a Fly-In full of discovery, friendship and unforgettable memories. Organised by EUROAVIA AS Paris, the event was a unique opportunity to explore both the wonders of the French capital and its strong ties to aerospace engineering. With a perfect blend of culture, sightseeing and professional exposure, Fly-In Paris 2025 was truly a journey to remember.

The event kicked off on June 19th with a relaxed welcome dinner at the accommodation. The atmosphere was casual and warm, setting the tone for the days to come. Later in the evening, participants had some free time to explore or simply unwind after a day of travel.

On June 20th, the group started the day with a scenic walk through the beautiful Parc de Sceaux. The morning continued with a visit to EPF Graduate School of Engineering, home of EUROAVIA AS Paris. A guided tour gave insight into the school's facilities and academic life.

After a lunch at the local CROUS canteen, the group headed to Paris Centre to visit the Eiffel Tower and see Notre-Dame Cathedral up close. The evening was again free, with many participants joining up to meet fellow EUROAVIAns from other AS, creating spontaneous moments of international bonding.

June 21st was the highlight for all aerospace enthusiasts, a full day at the world-renowned Paris Airshow. The morning featured an exclusive guided tour of the MTU Aero Engines stand, where participants engaged in technical discussions and saw cutting-edge innovations firsthand. In the afternoon, the group gathered for a memorable photo in front of the Rafale fighter jet at the Dassault Aviation stand, one of the main sponsors of the Fly-In. The rest of the afternoon was dedicated to some free time to enjoy the Airshow.



After going back to the residence, the evening took a festive turn with the iconic Spirits Night, where participants shared drinks and traditions from their home countries. Being June 21st, the evening continued under the open sky with the vibrant Fête de la Musique celebrations across the city, including spontaneous dancing near the Eiffel Tower!

June 22nd, began with a visit to the charming district of Montmartre. Between the artists' square, the view from Sacré-Cœur, and hidden streets, participants experienced a more bohemian side of Paris. The afternoon brought time to stroll through Paris Centre, stopping at the iconic Galeries Lafayette. As the sun set, everyone reunited for the Gala Dinner, a final shared meal filled with emotion, laughter, and reflections. The night ended with a walk under the sparkling Eiffel Tower lights, a fitting close to an incredible adventure.

On June 23rd, participants gradually departed throughout the day. Goodbyes were filled with promises to meet again at future EUROAVIA events.



The Fly-In may have ended, but the friendships and memories will last much longer.

AS Paris is based in the beautiful city of lumières in France. It joined the EUROAVIA Network in 2008 and it gives EUROAVIAns the opportunity to join the international aeronautic and aerospace meeting at Paris-Le-Bourget since then!

ABOUT: AS PARIS

FLY-IN

AS LEUVEN | 15th - 20th JUL. 2025

From July 15th to 20th, EUROAVIA Leuven hosted the Leuven Fly-In, a vibrant event filled with discovery and connection.



During the first day of the fly-in, participants visited Space Applications Services, where a EUROAVIA alumnus introduced them to innovative projects like the moon gravity offloading system and the ICE Cubes service for student experiments on the ISS. The group then toured TUI Airlines, learning about maintenance strategies and observing real-time work on Boeing 737-800 NG and Embraer 195-E2 aircraft. The day concluded socially at Leuven's Oude Markt, the largest bar square in Europe.

On the second day in Brussels, the group visited the European Parliament, stepping inside the hemicycle, and had lunch in Parc Cinquantenaire. They then toured the European Commission, where officials spoke about Commission work and the EU Space Programme, including the new EU Space Act. highlights included visits Cultural landmarks like the Palace of Justice, the Royal Palace, Manneken Pis, and the Grand Place. The evening ended with a rooftop view and optional visit to the lively Delirium bar.



The third day began with a visit to a traditional Belgian market, where participants enjoyed local specialties like breads, cheeses, meats, and waffles. This was followed by a lecture on the aviation value chain by a professor from Antwerp Management School. In the afternoon, the group explored DronePort in Sint-Truiden, a regional airport and innovation hub focused on electric air transport, drone technology, and aviation startups. Highlights included seeing private aircraft like the Spitfire and learning about DronePort's role in shaping future aerospace innovation.

The day ended with traditional Belgian fries for dinner, followed by the long-awaited Spirit Night, where participants shared and sampled traditional foods and drinks from across Europe.

The final day of the Fly-In was dedicated to exploring Leuven's charm. A guided city tour showcased key landmarks, including the historic university library, the medieval beguinage, and the Aerospace Engineering campus.

In the afternoon, participants visited the Stella Artois brewery, learning about its 600-year history and the brewing process behind some of the world's most iconic beers.

The Fly-In concluded with a farewell dinner at a traditional restaurant, where participants enjoyed local Belgian dishes and Brussels waffles for dessert. The evening was filled with shared memories, flag signings, and a strong sense of EUROAVIA community spirit.

This may have been the end of the Fly-In in Leuven, but it is far from the end of our connection. Many more international events are still coming. And to all who read this, see you around Europe!

Founded in 1987 from a group of KU Leuven engineering students. Over the years, they have hosted major events such as the 2002 "Mission to Mars" Symposium, the 2004 EMEAC and 45th Lustrum in collaboration with AS Aachen and AS Delft, and the 2006 Formation Workshop featuring company visits and expert-led sessions.

ABOUT: AS LEUVEN

AIRBUS Sloshing Rocket Workshop

AS FORLÌ-BOLOGNA | 25th - 30th AUG. 2025

During the past year, EUROAVIA Forlì-Bologna has been fully engaged in preparing the 6th edition of the Airbus Sloshing Rocket Workshop, which took place in late August 2025. The organization of such an international event has represented both a challenge and an opportunity, shaping the board into a more cohesive and resilient team.

From the very beginning, the preparation required constant dedication.



The board reached out to more than fifty designed merchandise companies, advertising materials, and worked to organize a company fair aimed at fostering dialogue between students, local enterprises, institutions about the aerospace sector and its future growth.

Although not every outreach attempt was successful, each step became a valuable learning experience and a chance to strengthen the group's teamwork.

The workload, especially in the final months before the event, brought moments of stress and pressure. Yet, these highs and lows were professionalism managed with and determination.

Each challenge highlighted the board's ability to stay focused, showing not only technical and also organizational skills but deep a understanding of the association's role within the university and the local community.



The Airbus Sloshing Rocket Workshop took place from the 25th to the 30th of August in the Aeronautical technical institute of Forlì, which welcomed 30 students divided in five teams, coming from Greece, Turkey, Spain and Romania.

The first days, both for the organizers and the competitors, were highly stressful, due to wrong materials and miscommunication, but soon enough the rithm of the competition was settled and the workshop became a place in which everyone could enjoy their time. The competition was won from the DeltaV dynamics, a Greek team that demonstrated high dedication and perseverance during the entire



The workshop was also the frame for AS Forli-Bologna, to host their aerospace forum, where companies, university researchers and local and regional institutions had the opportunity to discuss and share the different technologies and possibilities that the aerospace sector has for them.

We are extremely grateful for the opportunity to work on this competition, and we would do it again anytime, for that we should thank the amazing people from EUROAVIA which helped us make sure everything went smoothly and correctly!

EUROAVIA Forlì-Bologna was founded in 2019. Their mission is to advance EA's goals through local initiatives and to raise opportunities awareness about the EUROAVIA provides by enabling students to become Members.

ABOUT: AS FORLÌ-BOLOGNA

EXHIBITIONS & CONFERENCES

A new era for EUROAVIAns embarks with our organization's participation in exhibitions and conferences that shape the aerospace world! Learn more about this year's visits in this section of the EUROAVIA Magazine!

17th European Space Conference

BRUSSELS, BELGIUM | 28th - 29th JAN. 2025

The 17th European Space Conference is a two-day event where major stakeholders in the Space industry and Defence sector meet to discuss the current challenges, priorities and needs of the European Union. This year EUROAVIA made a return to the event, represented by European Grants Working Group Coordinator, Rodrigo Bombas, opening itself up to the European Space framework and discussing with several relevant parties the future of young students and the needs of the companies involved.

Three major halls were designated for the three simultaneous presentations happening at any given time, allowing for the participants to choose what presentation or speaker most interested them. EUROAVIA focused on the presentations by the European Commission and DG DEFIS, which are the most important EU organisations in the Space Sector.



The main theme this year was the external threats that the EU is facing, with keynotes by the EU High-Representative Kaja Kallas and by Commissioner Kubilius really emphasizing how the EU must stand together in matters of Space and Defence. The discussion of how European-sourced Space Data can be made accessible to the public and to companies also sparked great interest in the participants, who were worried about countries outside the EU meddling in our internal affairs. Turning back to EUROAVIA and its objectives, it's clear that forward looked to meeting representatives of several companies like Eurisy and D-Orbit, who were very interested in working with aerospace students and in the exchange of knowledge, skills and necessities. Along the same lines, the conversations had with the Policy Officers of the DG DEFIS also gave a perspective on how EUROAVIA can further integrate itself in the European Commission's framework, allowing for bigger and more common opportunities to work together.

All in all, the participation in the European Space Conference brought, once again, a lot of opportunities for EUROAVIA to explore, hopefully paving the way for a more interconnected relationship with the European Union's Initiatives.

European Rotors Conference

AMSTERDAM, NETHERLANDS | 4th - 7th NOV. 2024

From the 4th to the 7th of November 2024, Athina Athanasaki, Olga Krevvata Giovanni Mussoni, EUROAVIA Working Group members, as well as Stamatis Moraitis, IB Treasurer for BY 2024-25, had the exciting opportunity to attend the European Rotors Conference in Amsterdam, Europe's premier event dedicated to the rotorcraft and VTOL community. Since its launch in 2021, the event has grown rapidly, becoming a leading platform for both industry networking and technical education.



Organized in collaboration with top OEMs and EASA, the conference combines certified training sessions, technical seminars, and hands-on workshops, attracting professionals and students alike. It also hosts the prestigious Rotorcraft and VTOL Safety Symposium, further solidifying its role as a cornerstone event in the aerospace calendar.

EUROAVIA's presence at the conference marks an important step forward in engaging with cutting-edge industry developments and connections forging strong with kev stakeholders in the aerospace sector.



A major highlight of the conference was the Rotorthon 2024, a two-phase innovation challenge organized in collaboration with European Rotors and partners such as Elsa

industry. The competition invited students and young professionals to tackle real-world rotorcraft challenges using creativity, teamwork, and problem-solving under pressure.

Team Saturn triumphed in the online phase of the Rotorthon, showcasing an outstanding solution to the technical challenge provided by Elsa industry. Alia Elhalawani, Abdelateef Negmelden, Abdelrahman and Aya demonstrated exceptional innovation collaboration, earning the top spot among a highly competitive field.

Meanwhile, in the live phase held during the conference in Amsterdam, Team SkyHawk Squadron, comprised of Zaid Karjikar, Vaisakh Shan K Rajan, and Danish Shaikh, delivered an equally impressive performance, taking first place with their forward-thinking approach and synergy as a team.



Both teams made the EUROAVIA community proud and proved once again that our members are at the forefront of aviation innovation.

Participating in the European Conference and the Rotorthon was more than an academic or competitive experience, it was a unique opportunity to connect, learn, and grow alongside industry experts and enthusiasts.

We are incredibly proud of our members' achievements and grateful for the chance to collaborate with European Rotors and its partners. The future of aerospace is being shaped by young minds, and EUROAVIA is ready to play a leading role.

Farnborough International Space Show

FARNBOROUGH, UNITED KINGDOM | 19th - 20th MAR. 2025

When the aerospace world gathered for the inaugural Farnborough International Space Show in March 2025, EUROAVIA was proud to be part of this exciting new chapter for the European space sector. Represented with a booth in the show's Careers Fair, our team welcomed hundreds of curious visitors, industry professionals, alumni, and prospective members—leaving a lasting impression at one of Europe's newest and most dynamic space events.



Farnborough has always been one of the premier places for networking in aerospace, and EUROAVIA made sure to seize every opportunity. Neus Erlenkämper and Leo Buchner attended on behalf of the Business Relations Working Group, engaging meaningful conversations with representatives established and emerging companies across Europe. Beyond connecting with industry leaders, EUROAVIA also made time for media interviews, helping spread the word about our mission to shape the next generation of aerospace talent and leaders.

Throughout the week, Neus and Leo spoke with a wide range of visitors. From seasoned aerospace professionals and decision-makers to students in secondary education visiting their first trade show, the booth became a lively hub of ideas, advice, and opportunities. A particular highlight was when EUROAVIA was invited on stage to introduce our association and the world of aerospace engineering to a group of enthusiastic grade nine students. Nearly 150 students engaged directly with our team, possibilities exploring the student membership, internships, and participation in technical competitions. Career flyers and student project showcases offered tangible glimpses into the opportunities that aerospace studies can open, while alumni who stopped by the stand shared personal career stories that brought those possibilities to life.

"Seeing a student-run booth here, showcasing student projects and passion, is a testament to EUROAVIA's ongoing relevance," remarked an alumnus, visibly proud of the association's growth.

"You're creating pathways for young talent to discover this industry," added a visiting educator after hearing about our concept for the Careers Fair, underscoring the value of reaching students early and showing them how accessible the aerospace world can be.

Beyond student outreach, Farnborough was also a chance to promote EUROAVIA to new audiences across the UK and Europe. By presenting our international events, technical competitions, and mentoring program, we expanded awareness of what we offer to future engineers, project managers, and space policy enthusiasts alike.

By the close of the airshow, EUROAVIA had:

- Welcomed over 300 guests at our stand
- Inspired nearly 150 students to consider careers in aerospace
- Strengthened visibility within the European space community
- Received valuable feedback on our outreach efforts and talent development initiatives

EUROAVIA's participation in Farnborough 2025 was a bold step forward, reaffirming our commitment promoting students to Aerospace, upskilling, and cross-sector exchange. By combining student ambition with industry connection, we demonstrated that the future of aerospace is being built today powered by passion, collaboration, and a clear vision for what's ahead.

AERO Friedrichshafen

FRIEDRICHSHAFEN, GERMANY | 9th - 12th APR. 2025

From April 9th to 12th, Giulia Gemma and David Kortsik from the Communication Working Group represented EUROAVIA at AERO Friedrichshafen 2025, the world's leading trade fair for General Aviation. The event, held in Friedrichshafen, southern Germany, brought together 760 exhibitors from 38 countries and featured 328 aircraft on display.



AERO 2025 featured a wide range of aircraft and technologies spread between 12 exhibition halls and an outside static display. From gliders and ultralights to helicopters, electric aircraft and long-range business jets, innovation played a central role throughout the event. Among the technologies, there was the RX4E, the world's first certified four-seat electric aircraft, and the Pilatus PC-12 PRO, both making their fair debuts. The event also showed developments in hydrogen propulsion, battery systems, and hybrid-electric aircraft. It was inspiring to see how the market is heading towards solutions that aim to reduce emissions and to increase efficiency.



The most important days at the fair were April 11th and 12th: EUROAVIA had its own booth at the AERO Career Days. This platform aimed to offer young people, students and professionals the opportunity to explore their interest in career opportunities in aviation, with more than companies presenting their training occupations and job offers. The strong presence of AS Dresden in organising and attending our booth allowed EUROAVIA to present its mission to promote student involvement in the aerospace sector, to connect with aviation companies, and engage with other students who share the same passion for aerospace.

The AERO Career Sessions offered Q&A sessions and panel discussions, where David participated, talking directly to industry representatives about "How Can Each Party Contribute to Young Professionals in the Aviation Industry". Throughout the discussion, the participants could interact directly with industry professionals, ask questions about opportunities, and give their perspective on what students are looking for when searching for a new job.



Attending AERO Friedrichshafen 2025 showed how important it is, as aerospace and aviation students, to stay connected to the industry. We look forward to continuing our collaboration with AERO Friedrichshafen in 2026, and we can't wait to participate again.

Airspace World

LISBON, PORTUGAL | 13th - 15th MAY 2025

Last May, EUROAVIA had the pleasure of being represented at one of the most significant events in the aviation calendar, Airspace World 2025 held in the vibrant city of Lisbon. Our President Ángeles Fuentes, along with Business Relations Working Group members Anusha Aravid and Mara Gogiu, had the incredible opportunity to attend this global gathering that brought together key stakeholders, professionals, and innovators from across the aerospace sector.



Airspace World, organized by our esteemed partner CANSO (the Civil Air Navigation Services Organisation), is widely regarded as the premier event where the aviation community unites to explore challenges, share insights, and shape the future of aerospace. The event featured a rich program filled with panel discussions, exhibitions, networking spaces, and technology showcases making it a prime opportunity to gain a comprehensive overview of the industry's current landscape while connecting with experts from all around the world.

Among the highlights of the three-day event was the final day, aptly themed 'Tomorrow's Voices'. This special initiative aimed to bridge the gap between today's leaders and the next generation of aerospace professionals. Students

and recent graduates were given the spotlight through a series of activities designed to foster dialogue and inspire collaboration. The day began with the Breakfast with CEOs, where our representatives enjoyed traditional Portuguese pastries and meaningful conversations with six high-level executives in a relaxed and engaging setting.

Later, Anusha and Mara actively participated in two separate panel discussions, where they shared the perspective of young professionals and raised important topics on the future of aviation careers and innovation. Meanwhile, Ángeles took part in the Inspirational Tours, engaging with attendees across the exhibition and further strengthening EUROAVIA's presence within the event.

As the sun set on the final day, the experience culminated in a lively and heartwarming toast at the CANSO stand, a fitting Mediterranean conclusion to a week of learning, connection, and collaboration.

Airspace World 2025 proved to be an inspiring and impactful experience for all who attended. We are already counting down the days to the next edition, scheduled for 26th to 28th May 2026, and we encourage every EUROAVIA member to consider participating. Not only is it a unique opportunity to visit Lisbon, but also a chance to engage directly with the forefront of aerospace innovation.

We extend our deepest gratitude to AviAll for supporting our participation and to CANSO for their generous hospitality. We hope this marks the beginning of a long-lasting and fruitful collaboration between our organizations. Let's continue to raise the voices of tomorrow!



PACEDays

BERLIN. GERMANY | 13th - 14th MAY 2025

This year, during the 30th anniversary of our sponsor, **PACE** TXT, **EUROAVIA** representatives were invited to take part in this important milestone. From May 12th to 14th Elia Ghisellini, Hugo Paredes, and Ruth Jurado Diaz represented our association in Berlin.

The event started on Sunday, May 12th, with the early arrivals, a gathering for all partners and collaborators of the TXT Group at the Maritim ProArte Hotel, the venue that hosted all PACEDays activities. An informal welcome aperitif was held, allowing everyone to meet and network before the official start of the event. This moment was particularly valuable for our representatives, who had the chance to introduce themselves to delegates from all around the world.

On the first official day of PACEDays, the opening presentation celebrated PACE TXT's 30th anniversary with an inspiring video in which various representatives reflected on the company's journey and highlighted the corporate values that continuously push the boundaries of growth.

Then, PACE TXT welcomed on stage several key partners who shared insights about their long-standing collaborations and the goals they've achieved together. Among the speakers were delegates from BDLI (German Aerospace Industries Association), Embraer, Airbus, Lufthansa Group, and SACBO (Milan Bergamo Airport).

After the introductory session, the conference continued with a rich schedule divided into six main topics, each explored in dedicated rooms by industry professionals and expert speakers. The topics of this year's edition were: Product Configuration, Preliminary Design, Aircraft Analysis & Evaluation, Flight Operations, Training Cluster, and HMI & Embedded Graphics. Numerous engaging speakers sparked the audience's interest by presenting cutting-edge technologies that will shape the future of aerospace.

Equally remarkable were the coffee and lunch breaks: PACE TXT provided a delightful buffet featuring a wide variety of savory and sweet dishes. These moments represented also key opportunities for the EUROAVIA delegates from the Business Relations Working Group to get to know the representatives from various companies more deeply, present the association, and build valuable connections, discussing possible future collaborations or sponsorships.

At the end of the first conference day, a private bus took all participants to the Business Dinner location, where the 30 years of PACE TXT were celebrated. The evening took place on the rooftop of the Humboldt Forum, offering a stunning view of Berlin's skyline where all accompanied by live jazz music, delicious food, and drinks.

The second and last day of the conference was as thrilling as the first one. It started with the presentations of the two finalist teams of the work that they had performed during the last six months for the PACE yearly competition. After the presentations, the awaited moment arrived: the announcement of the winner team. This year's winner team was AETHER, a group of students originally from AS Forlì, which is the second year in a row AS winner of this competition. Following this joyful moment, the rest of the day was filled with the last round of presentations.

During the end of the conference, the team also took advantage of the opportunity to interview the winning team on the hardships and expectations of both the competition and the congress, obtaining insightful and interesting responses from all the team's members.



The PACEDays concluded with a warm goodbye and the wish for more years of a close relationship the between assistant organizations to come.

Sustainable Skies World Summit

FARNBOROUGH, UNITED KINGDOM | 14th - 15th MAy 2025

The Sustainable Skies World Summit was a remarkable event that brought together key players in the aviation industry, all united by a accelerating common goal: the sector's transition to Net-Zero. With a strong emphasis innovation and environmental responsibility, the summit hosted a wide range stakeholders of including airlines, manufacturers, sustainable aviation fuel (SAF) regulatory suppliers, and bodies showcased their latest advancements in green aviation technologies and practices.

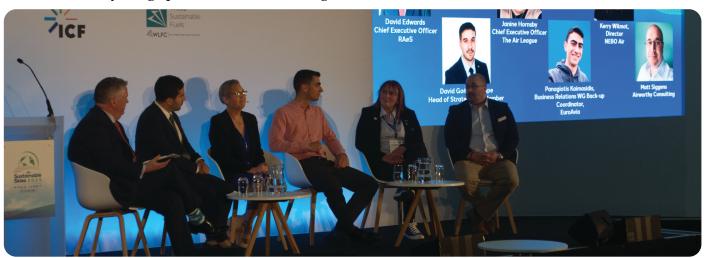


EUROAVIA was proud to be part of this forward-thinking initiative. Representing the association were Panagiotis Kaimasidis and Spyros Vasileiou from the Business Relations Working Group, who actively contributed to the summit's mission of shaping a more sustainable aerospace future. One of the key highlights was their participation in the panel discussion titled "Flying Forward: The Skills You Need for a Career in Sustainable Aviation." This engaging session offered valuable insights into how students and young professionals can align

their education and skill sets with the evolving needs of the industry, particularly sustainability-related roles. The discussion emphasized the growing importance interdisciplinary skills, innovation, and adaptability in building a successful aerospace career.

In addition to the panel, Panagiotis and Spyros represented EUROAVIA at the event's Careers Fair, where they had the chance to engage with Year 9 students. It was an inspiring opportunity to share EUROAVIA's vision and mission. encourage early interest in aerospace, and motivate young minds to explore paths in engineering and sustainable aviation. Their presence helped demonstrate the crucial link between education, industry, and future innovation.

As the aviation sector continues its journey toward a greener future, events like the Sustainable Skies World Summit play a vital role in fostering dialogue, awareness, and collaboration. Through our participation, EUROAVIA reaffirms its commitment to empowering the next generation of aerospace professionals and contributing meaningfully to a sustainable future.



Paris Air Show '25

PARIS, FRANCE | 16th - 22nd JUN. 2025

The Paris Air Show 2025 was more than just an event — it was an amazing experience. From June 16 to 22, the aerospace world gathered at Le Bourget to celebrate innovation, push boundaries, and connect across borders. And right in the middle of it all: EUROAVIA.



For us, the show wasn't just about watching jets break the sound barrier or marveling at futuristic tech — it was about representing the next generation of aerospace professionals and sharing that journey with our incredible community.

This year marked a special milestone: EUROAVIA had its own booth at the show. It quickly became a vibrant meeting point — not just for curious visitors and industry professionals, but also for a record number of fellow EUROAVIAns and alumni who stopped by to connect, share stories, and rekindle the spirit of our association.

We were incredibly proud to be there, surrounded by amazing people who reminded us what makes EUROAVIA so special: its community, its ambition, and the genuine love for aerospace that unites us all.

Throughout the week, we had the chance to explore cutting-edge innovations, talk to professionals, and get inspired by the atmosphere that only an event like the Paris Air Show can offer. We also formed meaningful connections with key players in sustainability, commercial aviation, and beyond — reinforcing EUROAVIA's role as a bridge between students and the industry.

Our official social media takeover gave followers a front-row seat to everything happening on the ground. With real-time impressions, exciting visuals, and a touch of fun, we brought Le Bourget to screens across Europe and beyond.

Not only did we have a blast capturing the experience, but the numbers speak for themselves: the takeover reached a record audience, gained a lot interactions and followers, making it our most impactful conference coverage to date.

Events like the Paris Air Show remind us of our purpose. They reignite our curiosity, strengthen our community, and push us to aim higher. As EUROAVIA continues to grow, we're excited to offer even more opportunities, increased visibility, and the motivation our members need to thrive in this ever-evolving industry.



Let's keep building the future of aerospace together. See you again in 2027.

WORKING GROUP CONTRIBUTIONS

The Working Groups are a vital force behind EUROAVIA's success, fueling collaboration and This section highlights achievements over the past Business Year, laying the ground for what's to come next!





AFFILIATED SOCIETIES



This year has been a remarkable one for the Affiliated Societies (AS) Working Group. As the bridge between the local groups and the International Board, we've remained dedicated to our mission: enhancing communication, fostering collaboration, and EUROAVIA's global presence.

One of our key successes has been the onboarding of five new AS: EA Minho (Portugal), EA Edinburgh (United Kingdom), EA Lagos (Nigeria), EA Eskişehir (Turkey), EA Sarajevo (Bosnia and Herzegovina).

These additions demonstrate our commitment to growing EUROAVIA beyond its traditional borders and reinforcing our global network of aerospace students.

To ensure smooth integration, we are currently conducting personal introductory meetings with the boards of the new local groups. These meetings allow us to provide essential information about EUROAVIA, questions, and make new members feel at home from day one.

In addition, we've successfully organized multiple Board of Presidents (BoP), providing a space for affiliated societies to exchange ideas, discuss challenges, and share their local successes. These gatherings have proven essential for promoting cross-group support and keeping the EUROAVIA spirit alive across borders.

Another milestone this year was recruitment of eight new members into the Working Group. Their motivation and fresh perspectives have played a crucial role in maintaining our momentum and expanding our capabilities.

Finally, we are proud to have organized a Dynamic Board of Presidents (DyBoP) meeting, reinforcing regional cooperation and ensuring that all voices in our network are heard and represented.

As we look forward, the AS WG remains committed to empowering local groups, nurturing new societies, and building a stronger, more connected EUROAVIA.

INTERNATIONAL EVENTS



In the IE WG, we always strive to support local groups in delivering high-quality events across the EUROAVIA network. Our tutors offer guidance and expertise to ensure that each event meets the standards we expect from an International EUROAVIA Event.

The business year began with the ExMEAC & AMEAC in Covilhã, where our new International Board was elected. Soon after, we enjoyed the Fly-In to Milano in October, an especially memorable occasion as it marked Milano's official acceptance as an Affiliated Society (AS) within EUROAVIA!

Later in October and again in December, we helped for the Ideathon in Toulouse and Teams Zagreb. competed in creative challenges, with Patras ultimately claiming the win. We also helped facilitate the Rotorthon, which featured both an online and a physical stage.

January brought the Fly-In to Samsun, Türkiye. Despite initial challenges, the LG pulled through and hosted an unforgettable event by the Black Sea.

A EUROAVIA first this year was including an

event hosted by an Associated Member (AM) in our official calendar: the Fly-In Cairo. This event quickly became one of the most anticipated of the year, offering participants an incredible experience framed by the iconic pyramids and rich Egyptian culture.

The TNT organised by the ETS Working Group only needed minor input from us, but we were happy to provide our support. We then celebrated another EUROAVIA first with the EMEAC in Lyon hosted as PAS Lyon's acceptance event. They created an excellent atmosphere for our highest legislative committee, making their AS acceptance even more meaningful.

In the second half of the year, we supported PAS symposiums: Izmir's major Sustainability Symposium, offering insights into environmental challenges in the industry, and AS Stuttgart's Hypersonic Symposium.

As we are writing this article, we look forward to AS Paris attending the Paris Air Show, as well as events in Leuven, Forlì-Bologna for the ASRW, and the upcoming ExMEAC & AMEAC in Patras.

BUSINESS RELATIONS



BY 2024–2025 marked an important shift for the Business Relations Working Group. The bar was set high, with a list of ambitious goals and tasks, along with high expectations placed on the team. At the same time, the mission remained clear: to strengthen EUROAVIA's financial well-being while increasing the association's presence across the aerospace sector. The team faced the challenge and impressive delivered results through commitment, dedication, and teamwork.

One of the first key turning points came with the Physical Meeting held in Barcelona in late November. Not only did it help align the team on shared goals and establish a defined vision, but it also laid the groundwork for the months ahead and became an initial milestone for what followed.

Throughout the year, the Working Group significantly contributed to ensuring EUROAVIA's financial stability, while also expanding its expenditure scope thanks to a significant increase in income and general sponsorships. This reservation through financial growth made it possible to support increased member participation at key aerospace events, with BR WG representatives attending the Farnborough International Space Show, Sustainable Skies World Summit, PACE Days, CANSO Airspace World, and the Paris Air Show, further solidifying the association's visibility in the industry.

Equally important was the work taking place in the background to ensure a smooth leadership transition. Recognizing the importance of continuity and knowledge transfer, dedicated meetings, one-on-one conversations trainings have been held while elaborating the necessary documentation to prepare the upcoming leadership's success. Additionally, the focus has been set on mentorship between outgoing and incoming members to ensure the team's momentum continues seamlessly into the next year.

With upcoming changes in leadership, the team looks toward the new year with confidence. The focus will remain maintaining EUROAVIA's financial well-being actively while expanding into sponsorships, partnerships, and collaborations with industry leaders. The goal is to continue building meaningful connections, take good care of those already established, and ensure EUROAVIA stays visible and relevant in the constantly evolving aerospace landscape.

With this in mind, never forget what matters most: Join BR!



HUMAN RESOURCES



The word that best describes this year in the initiatives and distribute tasks more effectively. Human Resources WG would "consolidation". strengthening both the internal structure of our WGs. Whether by sharing HR expertise, WG and our collaboration with other working offering structural advice, or helping new groups. A major milestone was the further members integrate smoothly, we've worked to development and refinement of the Harassment ensure that no WG stands alone. We truly Policy, a key step toward ensuring a safer and believe that sustainable growth comes from more inclusive EUROAVIA. This updated strong collaboration. If you're passionate about provides clearer guidelines reinforces our collective responsibility to foster Join HR! respect and safety.

Another important goal was to grow our team by welcoming new members who brought fresh energy and ideas. With a more diverse and engaged group, we were able to take on more

be Beyond our internal efforts, we've also made it This year, we focused on a priority to support the evolution of other and people, policy, and progress, this is your WG.

COMMUNICATION



This Business Year was another dynamic and transformative period for the CM WG!

We kicked things off with a vibrant Physical Meeting in Athens in October 2024, where we had the chance to meet in person, strengthen our bonds, brainstorm about future projects, and of course enjoy the rich history and culture of the Greek capital. Energized by this gathering, we set out to bring fresh ideas to life! One of our biggest highlights was the launch of the EUROAVIA Podcast, a brand-new platform giving voice to EUROAVIAns from across the network. Through inspiring interviews and exciting discussions, we aim to bring our community even closer and explore a pressing matter for students: the skill gap between the industry and young professionals.

To further connect EUROAVIAns beyond national borders, we also created EUROAVIA WhatsApp Community, providing an easy and dynamic space for members to exchange ideas, promote events, and foster friendships in real time. The response has been fantastic, and we are thrilled to see this community grow day by day!

On the social media front, we celebrated a major milestone this year: reaching 5,000 followers on Instagram! Our pages continue to thrive thanks to the creativity and dedication of our Social Media Unit, who work hard to share the spirit of EUROAVIA with a global audience. On the same front, the Press Unit has worked relentlessly for the delivery of this very magazine, while at the same time reaching record numbers in the Aeronautical Blog and Newsletter reach!

Looking ahead, we have many more exciting projects in store, so make sure to follow us and stay tuned. If you are passionate about storytelling, creativity, or digital media, we would love to welcome you to the team. Together, we will keep building bridges across our association and beyond!



INFORMATION TECHNOLOGY



This business year was very full of activities for the IT WG. From solving simple tickets to website hacking attempts, the working group continued its silent and precise work as the backbone of the EUROAVIA infrastructure Despite working mostly behind the scenes, the WG has delivered key advancements that improved the performance, reliability and usability of the association's digital infrastructure.

The WG successfully updated all the SSL certificates to ensure a smooth and secure connection to all subdomains and keep hackers away. During the first part of the year we kept improving and bug-fixing the main website and developed a new version of the voting app. The IT is also responsible for the maintenance of the website and the mailing system, which is indispensable for the daily function of the Association and all the local groups. The second half of the year has started with an ambitious project: a complete new version of the main website. Will it be out by the time you are reading this article? Only time will tell.

But we are sure that it will be more accessible both from a user and an admin side!

Beyond technical work, this year's IT WG also grew in number and cohesion. Despite not having a physical meeting, members kept a strong team spirit through regular calls, detailed updates and active collaboration on MS Teams. The team also delivered ongoing support to Local Groups who needed with their websites assistance and infrastructure, especially in the case of international events such as the TNT and ASRW. Internal support was constantly provided via the ticket system and emails to help EUROAVIAns solve technical issues effectively.

We are always open to new members who are passionate about tech and want to use their skills to help EUROAVIA reach higher limits. So, whether you're a seasoned coder or a curious beginner, if you're interested in solving real problems through software, the IT WG is the place for you.

STATUTES & BYLAWS



The S&B WG plays a fundamental role in shaping and maintaining the legal and organizational framework of the association. As EUROAVIA is an international student organization composed of numerous Local Groups, a strong and transparent legal foundation is crucial for ensuring cohesion, clarity, and democratic participation across all entities.

The S&B WG is responsible for reviewing, updating, and interpreting the Statutes and Bylaws, which are the two core legal EUROAVIA's documents that govern structure, operations, and internal processes. While the Statutes define the overall purpose, membership categories, and decision-making structure, the Bylaws provide more detailed guidance on procedures such as elections, working group voting, structure, communication protocols.

During the most recent business year, the Working Group has focused on several key initiatives. One major project was the initiation of the migration to LaTeX, which aims to modernize and standardize the formatting and maintenance of legal documents. transition will improve document readability, long-term consistency, and ease of version control for future updates.

Another priority has been the clarification and

improved communication of the rights and responsibilities of Associated Societies. In this context, the S&B WG has worked closely with the International Board to ensure that all Local Groups fully understand their legal obligations and democratic roles within the association. This effort supports greater transparency and enables more active and informed participation in EUROAVIA's governance.

In addition to these projects, the S&B WG continues its ongoing work: proposing necessary amendments to the Statutes and Bylaws, reviewing documents for accuracy and coherence, and advising both the International and societies Board local on interpretations and structural questions. All changes to the Bylaws or Statutes must be approved during the EMEAC or AMEAC, ensuring that the governance evolves in a democratic and inclusive manner.

Members of the S&B WG gain valuable drafting, experience in legal policy development, structured communication, and organizational management. Although much of the group's work happens behind the scenes, foundational—ensuring impact is EUROAVIA remains legally sound, clearly structured, and capable of growing as a unified international community of aerospace students.

EUROPEAN GRANTS



This year, the European Grants Working Group has been all about persistence, teamwork, and a little bit of grant-writing magic. While others see forms and deadlines, we see opportunities—ways to support EUROAVIA's through funding, growth partnerships, and exciting projects.

We've spent our time diving into the world of European institutions and student networks, connecting with organizations that believe in the same future as we do. One of the highlights? Attending the 17th European Space Conference, where we connected with DG DEFIS, the European Commission's space and defense branch. That opened the door for EUROAVIA to join DIVERIS, a project all about building a more inclusive and diverse space sector.

We also applied for a Council of Europe Grant to support the HR Working Group and their important work on a Harassment Policy. And through our partner EIIL, we got in touch with companies that are just as passionate about youth, leadership, and aerospace as we are.

Next up: we're getting ready to apply for an EYF International Activity Grant. Big plans are on the horizon!

At EG, we love what we do—even if it involves more spreadsheets than rocket engines. If you're into writing, planning, and getting down to business, come join us. We promise good vibes, ambitious goals, and at least one funny meme per meeting

EUROAVIA TRAINING SYSTEM

Throughout this Business Year, the ETS Working Group has taken significant steps to improve the training landscape within EUROAVIA. A major milestone was the organization of an online TNT, which successfully welcomed 18 new trainers into the ETS family. This expansion not only boosted the group's capacity but also set the foundation for broader support across the entire association.

With this newfound strength, ETS WG began delivering tailored trainings to other Working Groups based on their specific needs. This initiative quickly evolved into a structured and impactful practice — and we're proud to share that almost every Working Group has received at least one training during the year!

Another exciting initiative was Kaat's Training Challenge, a weekly open training series designed for all EUROAVIAns.

Scheduled for every Tuesday, the program aimed to provide continuous learning opportunities. Unfortunately, due to low participation and other challenges, the initiative had to be discontinued. Nonetheless, it sparked meaningful conversations on engagement and training formats moving forward.

As ETS, we remain committed to fostering a culture of learning, development, and empowerment across EUROAVIA. With every new step, our mission becomes stronger, and so does our passion.



DESIGN



What a ride this year has been for the DN WG! We've had the chance to shape EUROAVIA's visual presence like never before—crafting everything from dynamic social media posts to sleek print designs. Our mission? To ensure that every piece of content reflects the energy and soul of our community.

Last year's effort to update our Corporate Identity truly paid off: this business year was all about rebranding and refreshing our visual presence!

We kicked things off with a new version of our brochure, designed to align our image with that of a young, professional Association. From there, we went all in—especially with the golden opportunity presented by the Paris Airshow: it gave us the perfect stage to showcase our vibrant new merchandise, making our stand one of the most eye-catching at the event. We couldn't be prouder of what we created: posters, stickers, keychains—even fun new pens! And if you missed it, don't worry—we've still got plenty of surprises in store. A refreshed website, brand-new templates, and more exciting merch are on the way all designed with you in mind!

But beyond tasks and deadlines, what truly stood out was the harmony within the team. With regular meetings, shared feedback sessions, and a constant flow of creativity, we built a space where everyone felt encouraged to grow, experiment, and bring new ideas to life.

As we look ahead, we're excited to explore new formats and tools—and continue making EUROAVIA more visually inspiring than ever.

If you have an eye for aesthetics, enjoy turning ideas into visuals, or want to explore your creative side, Design WG is the perfect place to start. You don't need to be a professional—just bring your curiosity and motivation. We'll grow together, learn from each other, and create great things as a team!



Which WORKING GROUP.?

Answer the following questions and discover your perfect match in the EUROAVIA universe!

What excites you the most about working in a team?

- A. Turning ideas into something visually impactful
- **B.** Connecting with people and building strong bonds
- Which of these would you enjoy the most?
- A. Designing custom T-shirts for an international event
- B. Hosting an online session to share your experience
- C. Making sure everything runs smoothly behind the scenes
- **D.** Taking initiative and turning big ideas into action
- C. Creating an event timeline and checklist
- **D.** Reaching out to new potential partners or sponsors

Your friends ask you to help with a group project. You usually:

- A. Set up a shared drive and manage the folder structure
- **B.** Volunteer to write the presentation
- Which situation sounds most like you?
- A. You fix a confusing form by making it clearer and more user-friendly
- **B.** You connect two classmates who didn't know they were working on the same topic

- Your dream project would be:
- A. A hands-on training program to boost team skills
- B. Launching a visual identity for a new EUROAVIA campaign

What do you value most in a team?

- A. Clear roles and rules
- **B.** Flexibility and creativity

- C. Take care of scheduling and dividing tasks
- **D.** Suggest how to structure everything clearly and fairly
- C. You create a budget plan that gets your team funding
- **D.** You prepare slides that make the rest of the group say "wow"
- **C.** Shaping a smooth experience for participants of an event
- **D.** Pitching an idea to a European funding body

- **C.** Openness and collaboration
- **D.** Practical goals and ambition

You just finished a successful project. What are you most proud of?

- A. The people you brought together
- **B.** The resources or visibility you gained
- C. The structure and clarity you contributed
- **D.** The design or content you created









PROSPECTIVE AFFILIATED SOCIETY

PRESENTATIONS

The EUROAVIA Family keeps growing with the addition of new PAS! Stay tuned to discover their initiatives and get a glimpse of what they are preparing for the upcoming months!

PAS ESKIŞEHIR

PAS Eskişehir became a reality when we proudly presented our local group at the congress in March 2025. Our connection with EUROAVIA began in July 2024, and while it took some time to work toward affiliation, our team had already been active well before then.

Known as the Tulpar Tharros Team (TTT), we've been making strides since our founding in March 2023. Our name reflects our spirit "Tulpar," the legendary winged horse from Turkish mythology, and "Tharros," a Greek word symbolizing courage, enthusiasm, and determination. Created by students from Eskişehir Technical University's Aircraft Maintenance, Avionics Engineering, and Physics departments, TTT began as an R&D-focused team passionate about aerospace innovation. Today, we also organize engaging events to bring aerospace topics closer to students across disciplines.

EUROAVIA Eskişehir 2025 Board Sühan Göktuğ AYDEMİR Özgür KURT Belinay BİNAT **Elif CETIN** Seher YAPRAK Emre BÜLBÜL SMF Coordinator Contact Person Treasurer

We have already hit several milestones. We were finalists in the Turkish Technic Design Hackathon, and soon after, we won first place in the Aerospace & Defence Pre-Incubation competition. Our success continued at Take-Off Istanbul, which became a launching point for our start-up journey. In 2025, we took part in the AIRBUS Sloshing Rocket Workshop multiple national contests, all while keeping up with local student events.

We're proud to announce that we are now preparing for our first-ever international event, which we plan to host in the summer of 2026! It's a big step toward expanding our reach and bringing the global aerospace community together. Our mission is to inspire more students and create meaningful aerospace experiences. We believe EUROAVIA is the perfect platform to knowledge, build international share connections, and grow together. With our energy, skills, and collaborative mindset, we're excited to contribute and connect with the **EUROAVIA** family!

PAS IZMIR

EUROAVIA Izmir was established in 2022 at Izmir University of Economics by third-year Aerospace Engineering students. Under the leadership of President Kağan Yalçın and Vice President Ali Sağır, the group quickly demonstrated an entrepreneurial and dynamic spirit. Until their graduation in June 2023, they successfully led the group and passed the torch to a well-prepared new generation of members aligned with EUROAVIA's mission and vision.

Following this transition, Emre Şimşek assumed the presidency and Atakan Erdemli the vice presidency. Emphasizing the importance of local visibility, the new leadership organized various events to expand the group's reach. In parallel, they restructured internal committees, particularly in organization and sponsorship, to build a more efficient framework.

In May 2024, Ekin Mesut Denizel and Eren Karakurt were elected president and vice president, respectively. Since they had been active within the group for a long time, they swiftly addressed organizational challenges by finalizing the ongoing restructuring process and introducing systemic improvements. Building on the foundations laid by previous terms, they launched full-scale preparations for EUROAVIA Izmir's first international event: Symposium Izmir '25 – Sustainability for the Future. With the addition of Secretary General Zehra Kaçar in September 2024, the event's planning was successfully completed, and the event took place between May 4-8, 2025.

Thanks to its visionary leadership and tireless dedication, EUROAVIA Izmir not only became one of the most prestigious student communities at Izmir University of Economics but also gained widespread recognition within the international EUROAVIA network, proving that with passion and persistence, even the most ambitious goals can be achieved.



Among the many creative and eco-friendly initiatives launched by EUROAVIA İzmir, our kite project stood out as a unique blend of fun, symbolism, and sustainability. Designed with the goal of transforming discarded household materials into something meaningful, the project was more than a simple activity; it was a bold statement about environmental awareness and creative engineering.

No professional materials were used in the construction of the kite. Its body was created by cutting large freezer bags found at home straight down the middle. This choice proved ideal for the kite due to the flexibility and light weight of the bag. The frame supporting the body was entirely made of wooden sticks. These sticks are biodegradable, low-cost, and can be easily cut and assembled without any woodworking experience.

To enhance the kite's visual appeal and make nighttime flying possible, small LED strips were installed on its surface. The kite's tail was also crafted by finely slicing the same freezer bags. This approach minimized waste to nearly zero, ensuring that every piece of material had a purpose.

This project was not only a technical production process but also an event that directly reflects the values we stand for as AS İzmir. The term "sustainable aviation" is often associated with high technology and laboratory environments. However, through this kite, we aimed to show that sustainability can also be represented in its simplest form.

As our Vice-President Eren emphasized during the event, for AS İzmir to shine even brighter, it's vital to balance scientific pursuits with creative, awareness-raising projects like this. With that spirit, we plan to continue using this initiative as a visual and narrative highlight, one that reminds us that sometimes, the lightest way to the sky starts from the ground up, with nothing more than imagination and a few recycled materials.

PAS MINHO

AeroUM & PAS Minho is the Aerospace Engineering Student Group at the University of Minho. Founded on February 22nd 2024, in Guimarães, this ambitious organization is committed to showcasing and supporting the excellence of its students. With a passionate team closely connected to the aerospace sector, we organize company visits, academic conferences, skill-building workshops, and flight initiation experiences to bring students closer to industry and to the thrilling world of aerospace engineering. We also host social events such as our annual gala and give talks in schools to share our passion for space and aviation with children and inspire future generations. In addition, we are dedicated to representing our students whenever needed, ensuring their voices are heard and their interests protected.

On January 14th 2025, the University of Minho experienced a moment they had dreamed of for years. Students, professors, and staff gathered to watch their first-ever satellite PROMETHEUS-1 launch into space. Cheers erupted and applause filled the room as the small satellite lifted off from the Vandenberg Space Force Base in California, USA, aboard a powerful SpaceX Falcon 9 rocket. This unforgettable moment marks a new chapter in Portuguese aerospace and will undoubtedly inspire generations of young dreamers. PROMETHEUS-1 isn't a typical satellite: it's small enough to be held in a hand, about the size of a Rubik's cube, and weighs just 250 grams. Named after the Greek titan Prometheus, who gave humanity fire and knowledge, this tiny satellite represents the passion, creativity, teamwork and determination of the students who built it from scratch. Inside this little cube, students packed advanced management systems, orientation controls, powerful microcontrollers, and even a miniature camera.



Now, floating 500 kilometres above Earth, PROMETHEUS-1 will gather crucial data, capture stunning images, and beam back exciting findings directly to UMinho's research satellite is part teams. The of the scientific groundbreaking project "PROMETHEUS: PocketQube Framework Designed for Research and Educational Access to Space", funded by the Portuguese Foundation for Science and Technology under the CMU Portugal International Partnership Program. Alexandre Ferreira da Silva from EEUM's Industrial Electronics Department led the project, along with Zachary Manchester from Carnegie Mellon University (USA), who provided the original satellite design, Rodrigo Ventura and Rui Rocha from Instituto Superior Técnico, who shared their valuable expertise from the ISTsat-1 satellite launched the previous year. Additional crucial support came from Alba Orbital and Fossa Systems, who helped integrate the tiny satellite. Launched as part of UMinho's 50th anniversary celebrations, PROMETHEUS-1 symbolizes a remarkable journey that began three years ago alongside the introduction of UMinho's Aerospace Engineering courses. Students from different engineering disciplines rolled up their sleeves and dove into every step of this project, from brainstorming ideas and getting through regulatory hurdles to excitedly tracking the satellite as it orbits Earth. Through this journey, they've gained practical skills, real-world problem-solving experience, and a huge confidence boost; all invaluable as they embark their future careers in aerospace. PROMETHEUS-1 shines spotlight a Portugal's growing presence in exploration, showcasing the incredible things that can happen when universities combine theory with hands-on innovation.

Congratulations to all the students, faculty members, and partners whose dedication and enthusiasm made this dream come true, you've inspired many others to dream bigger and aim higher!

LOCAL GROUP CONTRIBUTIONS

Local Groups are the heart of EUROAVIA, uniting aviation and space enthusiasts across universities in Europe and beyond. Explore their stories of unique events and projects and let them inspire you for the new Business Year!

AS AACHEN



ABOUT THE AS: AS AACHEN

AS Aachen was founded in 1959 and still upholds its old traditions. From the participation to exhibitions to the organisation of the Air Cargo Challenge 2024, AS Aachen always manages to attend the highest number of events.



Cosmic Adventures: Astronaut Day

On October 24th, 2024, RWTH Aachen hosted a unique event titled "Cosmic Adventures: Astronaut Day," a gathering that brought aerospace enthusiasts, industry experts, and students to delve into the future of space exploration. Organized by AS Aachen members Karl Funke, Aniket Saxena and Carlota Keimer. the event featured presentations and a panel discussion. With special guest speakers, including Nicola Winter, member of the ESA Astronaut Reserve, and Beate Fischer, head of the astronaut training division at DLR (German Aerospace Agency), the day offered participants rare insights into the astronaut selection process and their preparation for space. From current trends in aerospace to future missions, this event combines professional astronautical expertise with an inspiring vision for the industry's future.



The event kicked off with an opening talk from the German Society for Aeronautics and Astronautics (DGLR) representatives, setting the stage for a day of presentations and networking.



Nicola Winter opened the presentations, sharing her journey, from jet pilot flying with the Eurofighter and the Tornado to joining the ESA Astronaut Reserve in 2022. Her talk offered the audience an insider perspective on what it takes to pursue a career as an astronaut, covering everything from intense training regimens to the physical and psychological challenges of space missions. Her message was clear: the field is demanding, but with will and resilience, opportunities are waiting for those who dream of space exploration.



Following Winter's talk, an engaging panel talk titled "The Future of Space Industry", where Winter Fischer joined both and representatives Carlota Keimer, as a moderator and Robert Kaiser, President of AS Aachen, as a panel expert. Carlota guided the discussion on key aerospace issues. Panelists addressed topics such as experiments on the International Space the potential for international Station, partnerships, and the future of human habitation on other planets. The audience actively participated, asking questions about the ethical implications and logistical challenges of long-term space missions.



The morning concluded with Beate Fischer, who discussed her role at DLR's astronaut training division and her work at the European Astronaut Centre in Cologne. She outlined training protocols that astronauts undergo to prepare for various mission scenarios,

emphasizing mental and physical aspects of preparation. Fischer also highlighted the collaborative nature of space missions, explaining how DLR works closely with international agencies like NASA and ESA. She also introduced the new LUNA Facility in Cologne, a training base for future Moon missions.

In addition to the keynotes, the event included sponsor booths and an exhibition area, where Space Team Aachen displayed their latest technologies and projects. The German Society for Aeronautics and Astronautics, as the main sponsor, set up a booth showcasing their association. There was also a booth where signed copies of Nicola Winter's new book "The sky is no limit" could be purchased. Many students took the opportunity to network with DGLR representatives and learn about internships and career paths within the aerospace sector. In addition, the event was covered by local news broadcaster WDR Aachen.



Overall, the Astronaut Day at RWTH Aachen was a resounding success, offering a wellrounded experience combining technical and astronautical knowledge, professional insights into the astronaut's selection process and their training, and valuable networking. The event underscored the importance of collaborative effort in advancing space exploration, from training the next generation of astronauts to fostering sustainable practices within the industry.

AS ANKARA



ABOUT THE AS: AS ANKARA

Established within the Middle East Technical University, which is a valuable and diverse Turkish institution, AS Ankara - Aviation and Space Society (HUT) locally- counts twenty years of history. AS Ankara creates opportunities for students to improve themselves technically and socially whilst having lots of fun!



In the heart of Turkey's capital, Ankara has grown into a centre of innovation, collaboration, and opportunity for students passionate about aerospace engineering. Over this BY, our Local Group channelled its energy into connecting students not only to technical knowledge but also to each other and to the broader EUROAVIA family. This year was more than a calendar of events: it ignited the enthusiasm and teamwork of our members, who brought their visions to life and embraced every challenge as a chance to grow.

After the election of new board members in December, we started to work hard and plan our Business Year.



Our first event took place on March 4th, with a screening of Top Gun. By rewatching one of the most iconic films in aerospace pop culture, we created a relaxed atmosphere where members could connect, exchange stories, and kick off the year with a shared sense of inspiration.



Following the first screening, we kept the excitement high with Top Gun: Maverick on 15th of May. Held on campus, the screening drew an even larger crowd, from long-time fans to The film led to engaging newcomers. discussions about modern flight technology and pilot training. It was more than just a follow-up event, it was a powerful reminder of how aerospace continues inspire across to generations.

One of the most joyful highlights of our year was the annual METU Spring Festival on May 22-24th. Surrounded by the energy of campus life, we set up an engaging stand with a paper plane corner on it. Students from all departments stopped by to fold, decorate, and fly their own creations, sparking spontaneous competitions and lots of laughter. It was a heartwarming reminder that the spirit of aerospace can be as playful as it is technical. Sharing our passion in such an accessible and fun way allowed us to connect with the wider student community and we genuinely enjoyed every minute of it.



On May 28th, we also had the pleasure of hosting an inspiring TeaTalk event with former EUROAVIA member and captain pilot Ümit Ergin. Our members had the unique opportunity to hear about his journey from being a student at METU to becoming a commercial airline captain. He shared valuable insights into the daily life of a pilot, while also reflecting on how his EUROAVIA experience helped shape his career path. The session was filled with engaging stories, practical advice, and plenty of questions from curious attendees.

Moreover, this year AS Ankara proudly marked a strong presence in EUROAVIA's international events, showcasing our commitment to active participation and cross-cultural exchange. Some of our members attended the EMEAC, others represented us at the Symposium in Stuttgart, meanwhile three of us took part in PACE Days. Each of these events offered invaluable experiences, and the friendships, knowledge, and inspiration our members brought back continue to fuel our local spirit and remind us how proud we are to be EUROAVIAns.



Looking back to this BY, it was a powerful teacher, offering lessons in leadership, communication, and the true value of teamwork for our Local Board. As we now channel our energy into organizing our highly anticipated Aviation Days, we do so with a renewed sense of purpose. This year has reminded us why we do it and how high we can soar when we do it together.

AS ATHENS



ABOUT THE AS: AS ATHENS

AS Athens founded in 2006 is supported by the National Technical University of Athens (N.T.U.A.). Most members are from Mechanical Engineering.

Athens engages in projects, workshops, and events related to engineering, connecting aerospace students with practical experience and the university community.



This Business Year was dynamic and rewarding for AS Athens, as we embarked on new journeys and expanded our horizons through a wide range of activities.



One of the highlights of our year is our preparation for a new aviation challenge: the Flying Competition in Hamburg, Germany, set to take place in August 2025. The competition requires teams to design, build, and fly radiocontrolled aircraft with a focus on automated control, a challenge different from previous years. We are excited to test our knowledge, creativity, and engineering skills on this new international stage and proudly represent our Local Group.

Hermes VII is the RC aircraft currently being marking our team's entry to the New Flying Competition. To meet the performance and structural requirements of the competition, we designed a retractable landing gear system constructed from aluminum, along with custom wing spar adapters that interface with our composite wing structure. These components require both high strength and tight tolerances, making precision CNC machining an essential part of the process. The landing gear mechanism includes multiple articulated aluminum parts, two for the front legs and a separate unit for the rear wheel, designed to retract into the fuselage improved aerodynamics. Additionally, several aluminum corner brackets manufactured to act as adapters between the spars, ensuring robustness in our design.

Beyond competitions, we also placed great emphasis on connecting our members with the aerospace industry. In collaboration with



Leonardo Helicopters, organized we exclusive networking event in Athens. Participants had the opportunity to interact with professionals from the company, gain valuable career insights, and expand their professional networks.



Additionally, our members participated in multiple networking events organized by other NGOs throughout the year, enhancing our connections with like-minded organizations and broadening our impact in the aviation and engineering communities.

As part of our outreach efforts, we were active in promoting aerospace and engineering education generations. We younger delivered presentations at local schools, inspiring students to pursue careers in STEM fields and introducing them to the world of EUROAVIA. introducing them to the world of EUROAVIA.

Another key event was our educational trip to the Air Traffic Control (ATC) center of Athens International Airport. Members had the rare opportunity to explore the operations behind one of the busiest airports in Europe, gaining firsthand insights into the complex world of air traffic management and the critical role it plays in aviation safety.

Reflecting on this year's achievements, we are proud of our growth and the strong sense of community we have built. We look forward to the New Flying Competition in Hamburg and to continuing our mission of connecting students with the aerospace industry, fostering knowledge, and nurturing the next generation of aerospace engineers.

AS CASTELLDEFELS



ABOUT THE AS: AS CASTELLDEFELS

AS Castelldefels was founded in 2021 by a group of students at the Polytechnic University of Castelldefels after being an independent association.

With the growing dedication of the board members, we continue to grow as an association triplicating the number of members this year.

Looking back on the BY 2024-2025, EUROAVIA Castelldefels has had quite a busy year offering more than one activity per month to our members.

Some activities that stand out are the trip to the visit to the Castelldefels Munich, observatory, to the Lleida Air Challenge, to the firefighters of Sabadell and many more.

The first activity EUROAVIA Castelldefels hosted was the visit to the Lleida Air Challenge, one of the most dynamic and engaging aerospace events in Catalonia. The event featured a wide range of activities, including static and aerial displays, conferences, and networking opportunities. More than 120 planes visited the airport, some of which were open to the public. We also got to see amazing aerial acrobatics performed by highly talented pilots.

Later in the year, we visited the firefighters at Sabadell Airport. This experience offered a unique look into a highly specialized and critical sector of aviation that plays a vital role in emergency response across Catalonia. We got to look up close at the helicopters they use and the process they follow, from getting the call to rescuing the people. This was one of the most inspiring activities since we heard how pilots, technicians, and doctors risk their own lives daily to protect the community.







On the 31st of January, we had the pleasure of beginning the trip to Munich, where we visited the city and got to know its culture. The heart of the visit was our meeting with members of EUROAVIA Munich: we brought together students from across Europe who share a passion for aerospace. The highlights of the trip were the visit to the ESA-DLR facilities, where had the chance to see their control center, to the Deutsches and BMW museums and the city tour done by the ex-president of the IB, Leo Buchner. Along with these technical activities, we had the beer pong social activities such as tournament which we unexpectedly won!



On the occasion of Sant Jordi, AS Castelldefels celebrated not only Catalonia's beloved literary and cultural tradition, but also our passion for aerospace. We hosted a special event in which two professors from our university delivered engaging presentations related to aerospace innovation and scientific curiosity.

Later on, we took part in the AEROTELECOM Forum held at our university, a key event where aerospace and telecommunications companies connect directly with students. While the event primarily served as a recruitment platform for internships and job opportunities, we proudly participated as a student association to share EUROAVIA's mission and attract new members.

This year, AS Castelldefels has shown significant growth and commitment to both EUROAVIA and its members. Our involvement and the execution of various events have not only strengthened our presence but also helped increase the engagement tripling the number of members. Each activity has allowed us to grow not only as future aerospace professionals but as a united group within EUROAVIA.

Last but not least, we want to thank every member who has taken part in this incredible year. We hope this journey inspires future generations to continue improving university experience.

AS DRESDEN



ABOUT THE AS: AS DRESDEN

Founded on May 5th, 1994 at the Technical University of Dresden. The group brings together driven students who share a passion for aviation, technology, and international exchange. With a strong focus on collaboration, innovation, and personal growth, EA Dresden continues to inspire the next generation of aerospace engineers.



The Business Year was filled with unforgettable moments, exciting discoveries, and a strong sense of community for EUROAVIA Dresden. From casual meetups with fellow members to exclusive behind-the-scenes company visits, our activities offered something for everyone, blending hands-on learning with meaningful networking opportunities. Whether diving deeper into technical knowledge or gaining fresh perspectives on the aerospace industry, each experience brought us closer together and strengthened passion our shared international collaboration.

A particularly memorable moment came on December 10th, 2024, when our members were invited to a guided tour of Dresden Airport. Participants had the rare opportunity to step onto the airport apron and witness daily operations up close. The highlight of the tour was an in-depth visit to the airport's fire department, where we explored emergency vehicles, equipment, and the impressive protocols in place to ensure safety across the airfield. Getting such direct insight into airport infrastructure gave us a new appreciation for the complexity behind every day travel.



Just a few months later, on February 6th, 2025, we travelled to Leipzig to explore the DHL Hub, one of the world's most advanced and busiest logistics centres. The visit offered a fascinating look behind the scenes of global air freight. From observing sorting systems in action to watching aircraft being loaded and unloaded on the apron, the sheer scale and speed of the operation were breathtaking.



clear how much precision, coordination, and cutting-edge technology go into making sure goods reach their destinations on time, no matter the continent.

We wrapped up the year with another aviation highlight: a visit to AeroLogic at Leipzig/Halle Airport on July 7th, 2025. The cargo airline, known for its long-haul operations across the globe, welcomed us with deep insights into its technical and operational departments. We learned about fleet management, maintenance coordination, and the engineering processes that keep their aircraft flying efficiently and safely. Standing next to a Boeing 777 freighter during a maintenance stop was nothing short of aweinspiring, an up-close encounter that offered a rare glimpse into the heart of cargo aviation.



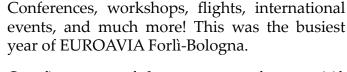
This past year has shown what we can achieve when curiosity meets dedication and teamwork. As we look back on these incredible experiences, we feel more motivated than ever to continue pushing boundaries and exploring the vast world of aerospace together. The journey is far from over, our next adventure is already on the horizon.

AS FORLÌ-BOLOGNA



ABOUT THE AS: AS FORLÌ-BOLOGNA

EUROAVIA Forlì-Bologna is one of the Local Groups, founded in January 2019 by a group of dedicated Aerospace Engineering students. Our mission is to advance EUROAVIA's goals through local initiatives and to raise awareness about the opportunities EUROAVIA provides by enabling students to Members, known become EUROAVIAns.



Our first event of the year was a free aperitif, organized to enhance networking among our associates. The attendance at the event was very high taking into consideration the start of the year, and the free drink surely helped in gaining an audience. The second event of the year was the usual ultralight aircraft piloting event, where the participants could pilot a real plane for a few minutes (our slogan after all is: "We build the wings of your future"). The attendance was so high that we had to request the pilot to help us for two full days.



The next event in the series was a company visit to the Lamborghini factory in Sant'Agata Bolognese. We had the opportunity to visit the museum and the factory for almost a quarter of the price that a single person would pay.

In November, we had one of the biggest events of the year: a black holes and general relativity conference held by Yves Gaspar, a professor of Cosmology, profound connoisseur of Einstein fields and general cosmology, and a former colleague of Stephen Hawking. The attendance was very high, with over 100 people, and, without any sign of tiredness, he held the audience for 3 hours.

After those events, we organized a CFD workshop for our associates to let them explore this fascinating field of study, and with the help of two passionate master's degree students, we introduced our members to the world of meshing and simulation.



We organised a trip to the Bologna Airport in December, where we visited the maintenance base for the Army's helicopters, the helicopter nucleus of the police, and then we had an amazing lunch in the helicopters' hangar of the fire department. During the visit, we had the opportunity to learn about the behind-the-scenes of each department, how the maintenance works, how the rescue of people is increasingly relying on technology, and how a helicopter can help maintain public order and the safety of the citizens during major events.



In December, we also hosted a Christmas special: a mentoring evening where we invited people from the LBs our association had over the years, and they spoke about their work and life after the university.

At the beginning of 2025, we were invited to visit the NPC Spacemind, a company based in Faenza, where they build deorbiting systems, dispensers for cubesats, and cubesats. We are very grateful to have had the chance to see the applications of what we are studying.

After this event, we hosted a big conference about hibernation with a physiology professor of the university of medicine, and with the help of the SISM (the association of the medicine students), we managed to reach an audience of over 150 people; we are grateful to professor Cerri for his work and passion about those themes.

We are very proud of our team Aether for winning the PACE Future Innovator Awards 2025 for the design of a reconfigurable HMI which enables single pilot operations. This achievement is proof of the talent within our LG, marking the second consecutive win for Forli-Bologna.



Furthermore, during August we managed to host the sixth edition of the Airbus Sloshing Rocket Workshop, hosting 5 international teams from Romania, Türkiye, Spain, and Greece. This event was the culmination of an intense organisation process since we started to work on it between September and October of last year.

During the 29th of August, we had the chance to host a territorial conference based on the spillover between the aerospace, nautical and naval sectors. Over 150 people between students and companies' representatives were present to the event, so we organized a sponsor fair where curriculums could be exchanged during the afternoon.



AS LYON



ABOUT THE AS: **AS LYON**

AS Lyon was officially founded in September of 2023. The AS initially started with just a few members with around 7 members participating. However with the events such as Trivia Nights hosted, the AS slowly started to grow to host its first international event in 2025.



AS Lyon brings students together and creates opportunities in aerospace. We're always looking for new ways to collaborate with our partners and develop events that connect students with professionals. Whether it's hosting international gatherings, working on technical projects, or participating in competitions, we focus on learning and giving our members realworld engineering experience.

One of the first events was our visit to the Ansys site in Lyon. Over 50 participants explored the importance of engineering simulation. As a global leader in simulation solutions, Ansys advances industries from aerospace healthcare with its simulation solutions. Their tools cover areas like fluid dynamics and digital twins.



During the site visit, students had opportunity to tour Ansys' workplace, gaining exposure to tools and methods for shaping modern engineering. The visit culminated in an engaging presentation, where 3 professionals from Ansys highlighted the company's industry impact.

We successfully hosted EMEAC from March 23-29. Over 55 aerospace students from across Europe participated, discussing the association's future, visiting sponsors, and electing the new board. The event took place on our campus at INSA Lyon, offering space to exchange ideas and shape EUROAVIA's direction. The election of the new International Board ensured continued leadership and development within



the organization. Additionally, participants visited sponsors, gaining insight into industry advancements and professional opportunities. Hosting EMEAC marked a significant milestone for us. This achievement reflects the dedication and teamwork of our members, who ensured smooth planning.

We recently took an important step in its journey by participating in the Air Cargo Challenge. After hosting our first international event, we focused on expanding our team, recruiting members and forming a technical group to build an aircraft. Through teamwork and persistence, we built and assembled our first plane. The highlight was finally getting to fly it, a milestone for the entire team. However, during one of our flights, the aircraft crashed. unexpected, this experience provided valuable insights, showing us areas to improve.

Over the past few months, we have developed important technical skills, gained practical experience, and strengthened our teamwork skills. We are now working on designing a carbon fiber plane. This will further expand our expertise and improve our future designs. The Air Cargo Challenge is more than just a competition for us, it is an opportunity to apply engineering knowledge, collaborate, continuously improve.

Looking ahead, we remain committed to expanding its presence in the aerospace One of our key goals is to community. participate in the Air Cargo Challenge, continuing the work of our technical team as we refine our aircraft design and improve our expertise. Additionally, we plan to host our own event workshop, where participants will engage hands-on challenges and collaborative learning experiences. We aim to connect members with professionals and opportunities. Recruiting new members remains an essential focus, ensuring that we continue to grow and welcome fresh perspectives. By joining more international competitions, we seek to further establish ourselves in the broader aerospace network.

With these initiatives, AS Lyon is moving forward with a strong commitment to learning, collaboration. and innovation. Through teamwork and dedication, we look forward to making a meaningful impact and continuing to grow as an organization.

AS NAPOLI



ABOUT THE AS: AS NAPOLI

Founded in 1991, EUROAVIA Napoli "Umberto Nobile" actively engages its members through technical challenges, online workshops, and other hands-on activities designed develop to engineering and teamwork skills. Last Business Year, they proudly won the EUROAVIA Cup, demonstrating its ongoing commitment, dedication and vibrant presence in the network.



"It's the first time I've actually built something with my hands since starting university."

That single sentence, shared by one of our participants, captured the spirit GLIDERCRAFT, the 2025 workshop organised by EUROAVIA Napoli. In just a few days, students set theory aside to build a model glider wing, experiencing the challenges and rewards of hands-on aerospace engineering.



In today's university environment, where theory dominates and lab time is limited, chances to build something are rare. With GLIDERCRAFT, we aimed to change that by giving students space to apply knowledge, work as a team, and get their hands dirty building something real.



But how did everything start?

The idea behind GLIDERCRAFT took shape early in the year. While discussing how to add more practical experiences to our activities, one proposal stood out. Federico Caretto, our

treasurer, suggested a workshop based on aeromodelling, a field he knew well.

His idea was simple but effective: build a model glider wing entirely by hand, striking a perfect balance between technical relevance and handson learning. The Local Board quickly supported

We didn't want a basic lab session, but an experience where participants could collaborate, build practical skills, and engage with aerospace engineering hands-on. With Federico's guidance and strong team motivation, GLIDERCRAFT became reality.

The workshop gathered 20 participants, split into five teams of four. Most were aerospace students, but a few came from other fields. The mix ranged from first-year bachelor's to finalyear master's students. Each team was assigned a colour-white, red, pink, green, or blue-to foster identity and friendly competition.

Starting May 5th, the first week focused on theory, supported by university professors. Key topics included aerodynamics, manoeuvres, structural design, and aeromodelling regulations—essential groundwork before building.

The challenge was to design and build a model glider wing with top aerodynamic performance. Teams were judged on efficiency, descent rate, stall speed, and max efficiency speed. Each wing also had to pass a static load test, with weights placed on both half-wings to check structural strength.

Week two was all about construction. Teams received wood, Depron, glue, and all needed materials. Though building took longer than planned—around five days—the university provided a large shared workspace, letting all teams work side by side for the first time in years.



As the days went by, teams collaborated closely and supported each other through various challenges. Despite some setbacks, progress was steady, and by the end of the week, all wings were complete and ready for launch.

Flight tests spanned three days. The first attempt, with a handmade fuselage, revealed instability. On the second day, a stronger, department-supplied fuselage enabled three successful flights, while one wing broke on landing. On the final day, the last two teams flew-one achieved stable flight, the other struggled with manoeuvrability.



The month-long workshop concluded with a prize ceremony on June 10th. Team Blue, "Pegasus," won thanks to solid design and flawless performance.

Several professors, including the head of the engineering department, attended the event, which was praised for effectively bridging theory and practice.



GLIDERCRAFT was more than a workshop, it was a learning experience that united students through a shared passion for aerospace. From first sketches to final flights, we spent more time together than with our families, learning teamwork and leaving our comfort zones.

AS PATRAS



ABOUT THE AS: **AS PATRAS**

Founded in 2001, after several years of inactivity a group of three engineering students managed to revive AS Patras in 2016. With a focus on continuous improvement, AS Patras remains committed to foster relationships and create partnerships.

B.Y. 2024–2025 has seen incredible milestones EUROAVIA Patras, including activities, visits, and trainings. We further developed our Working Groups and expanded our projects to match the ever-growing passion of our members for aerospace and our organisation.

At the beginning of the B.Y., our President Spyros Vasileiou, Secretary Spyros Stavrakis, and DIB candidate Stamatios Moraitis attended the ExMEAC & AMEAC in Covilhã, Portugal, where Stamatios officially took over the role of Treasurer in the International Board. It was there that the vision of hosting AMEAC in Patras began to take shape. Shortly after, our team successfully completed our annual recruitment campaign.



Kicking off November, we successfully hosted the 8th edition of the 20 Minutes of Innovation (20MOI) conference, welcoming over 120 attendees and six engaging talks by industry professionals and academics focused innovation in aerospace and beyond. That same month, we held our first General Meeting, introducing new members and presenting the annual Business Plan. EUROAVIA Patras also took part in the 27th Development Forum on "Aviation Development in Western Greece," marking our first-ever public presentation by President Spyros and our first stand appearance, expanding our presence in the local aerospace community. After the exam period, showcased our work once more in a panel



discussion, where Treasurer Zack Delimaros emphasized the role of student associations in the local startup ecosystem. Finally, on February 25th, we came together for our annual "Kopi Pitas" ceremony, celebrating the New Year and a new chapter for our association.

Continuing our dynamic start to the year, on March 18th we hosted a 3D Printing Workshop led by Technical Director Andreas Nikolopoulos and ACC member Konstantinos Grammenos. The session aimed to deepen participants' understanding of mechanical design and 3D printing methods. Later in March, three members joined the EMEAC in Lyon. Our President and Treasurer represented AS Patras while Panagiotis Kaimasidis participated as part of the International BR WG. As spring approached, we visited the Air Traffic Control tower at Eleftherios Venizelos airport and toured the Area Control Center at the former Hellinikon airport, a historic site in Greek aviation.



May was one of the busiest months in EUROAVIA Patras' history, packed with over four major events. On May 3rd, our newly revived Rocket Team launched its latest rocket model-marking the return of rocketry to our technical division and a key milestone for future development.

On May 11th, we hosted the one-off conference "Job Market: From your CV Entrepreneurship", in collaboration with an external partner. The event provided insights building business ideas, navigating entrepreneurship, and improving CVs. Later, on May 23rd, we visited the Araxos Air Force Base, where we toured the facilities and gained valuable insight into its daily operations. We closed the month on May 24th with our 2nd General Meeting, featuring the ExMEAC & AMEAC application opening, the election of our new board, and a heartfelt farewell to several members-an unforgettable moment for our association.



As this chapter comes to an end, EUROAVIA Patras is filled with optimism for the future as a new generation of EUROAVIAns is more than ready to soar into new heights. achievements this year were incredible, and we couldn't be prouder of the passionate members who brought them to life. Heading into the next year, we aim to continue this success and celebrate the 25th anniversary of EUROAVIA Patras in the best way possible



AS PISA



ABOUT THE AS: **AS PISA**

AS Pisa was founded in 1959 with Giuseppe Pizzi as its first President, also a signatory of EUROAVIA's first Statute.

Covid-19 pandemic did not stop the AS from bringing up great number of online events, resulting in winning the EUROAVIA Cup in 2020.



This academic year has been one of the most successful for EUROAVIA Pisa. We pushed our limits, organized 15 events, and reached over 160 members, a record for our local group.

Some highlights included a visit to Virgo, the largest gravitational wave observatory in Europe; a talk with NASA engineer Giuseppe Cataldo, who worked on major projects like the James Webb Space Telescope; and a technical tour of Sky Eye Systems, a company that develops UAVs from 25 to 150 kg.

During these months, we strengthened collaborations with professors and institutions at the University of Pisa, especially with A.I.D.A.A. (Italian Association of Aeronautics and Astronautics), with whom we organized several events.



One of the most impactful was the launch of the conference series "Incontri con le aziende" ("Meetings with Companies"), held in the university's lecture hall. It featured companies such as Sitael, Avio S.p.A., LSE Space, and Argotec.

Among these, the event that drew the most attention from our members was the one with Avio S.p.A., which took place on March 28th, 2025.

Avio S.p.A., headquartered in Colleferro, is a major aerospace company specializing in the

development, integration, design, and manufacturing of space launch systems, including both solid and liquid propulsion technologies, as well as payload adapters. Avio plays a critical role as a prime contractor for both ASI and ESA, providing key components to the Vega launcher, such as the solid rocket engines for the first three stages and the liquid-fueled engine for the upper stage.



The division we engaged with during the event RAMS (Reliability, Availability, Maintainability, Safety) unit. Representing Avio there were:

- Eng. Federico Pasciuti, Head of RAMS for New Developments
- Eng. Giuliano Acampa, Head of RAMS Function
- Giorgia Neri, HR Recruiter

Following introductory remarks by Roberta Lazzeri from A.I.D.A.A. and Veaceslav Virlan, representing EUROAVIA Pisa, the session began with a detailed presentation on Avio's mission and technical capabilities, delivered by Eng. Federico Pasciuti, who graduated from the University of Pisa.

He then shifted focus to the Vega launcher family, detailing its development evolution. technological One particularly interesting point was their use of Filament Winding, a manufacturing technique that involves the precise placement of carbon fibers to form composite structures for solid rocket motors casing. This process enhances structural performance while minimizing weight, making it a key innovation in Vega's booster design.

Eng. Pasciuti and Eng. Acampa then introduced the RAMS doctrine, explaining why it is critical in highly advanced technological sectors. Feared events are categorized based on their severity. For each hazardous scenario, the probability of occurrence is assessed using Fault Tree Analysis (FTA). FTA is a top-down analytical method used to break the primary undesired event into lower-level failures or contributing factors, linked through AND/OR logic gates. Safety requirements are validated by calculating the overall system probability of generating such occurrences.

At the end, Giorgia Neri briefly presented the open positions currently available at the company and shared a few useful tips on how to write an effective Curriculum Vitae and approach a job interview.



This conference taught us a lot and gave us a glimpse into a branch of engineering that not everyone is familiar with. We truly hope this series of events is just the beginning of a meaningful and lasting collaboration with our professors.

We can't wait for what's coming next. Stay tuned!

AS VALÈNCIA



ABOUT THE AS: AS VALÈNCIA

Several students from Universitat Politècnica de València (UPV) founded EUROAVIA València on September 2014.

Throughout these eleven years, the AS undergone several leadership changes, each time witnessing renewed enthusiasm to uphold the core values it represents.

Throughout this year, we have been able to enjoy a wide variety of activities, especially in the second half of the year. This discrepancy is due to what happened in Valencia at the end of October, the DANA. Due to this extraordinary situation, in which many of the villages near the city of Valencia were flooded and inaccessible, it was impossible for us to carry out any kind of activity during this period. Thanks to the improvement of this situation, EUROAVIA Valencia was able to resume its activities from January onwards.

On this occasion, we were able to enjoy several visits of an aeronautical nature, such as the visits to the military bases of Torrejón de Ardoz and Albacete. There we had the opportunity to visit the hangars of the Eurofighter and F-18, part of the Air and Space Army. There we were given a more in-depth explanation of the functioning and missions of the Spanish army at both national and international level, and the fleet of aircraft available to the army and curiosities about them.





Likewise, and as in previous years, we had the opportunity to visit the Control Tower at Valencia Airport, where they explained to us the methods used to guide the planes that are taking off and landing, as well as enjoying spectacular views of the airport's aircraft.

Also this year, in May, the now traditional baptisms of flight were held thanks to the



collaboration with the La Llosa Aerodrome, in which our members were able to have a flight in a light aircraft or gyroplane (including an acrobatic flight), and thus learn more about the role of a pilot in each flight situation.

As far as the more social events are concerned, this year we have successfully completed three get-together working days, the first two, the already veteran Workshops of Introduction to Astronomical Observation, in which members were able to broaden their knowledge thanks to Lucia Vensalá, a member who is passionate about astronomy, an activity which we complemented with hiking routes through the area as well as games to encourage a rapprochement between us. As for the third gettogether working day, this was a barbecue organised before the start of the final exams.



On the other hand, this year we were able to visit the Aeronautical Museum in Madrid, considered to be the best aviation museum in Spain. We also visited the company Arkadia Space, where we were received very kindly and they explained how they work and showed us their facilities and test benches for the rocket engines they make.

In conclusion, this year has been quite satisfactory. After a significant decline, we have managed to bounce back with an increased number activities, strengthening of connection between our members and the world of aerospace.

AS MÜNCHEN



ABOUT THE AS: **AS MÜNCHEN**

AS München was founded in 1988. Since 2025 Student AirRace is part of our AS.



Every year, there is an official EUROAVIA Deutschlandevent including an challenge for all German Local Groups to compete in. This year's challenge was all about drones!



What did we do? Each team built and tuned a quadcopter. Learning about the theory behind it but most importantly gaining hands-on experience while building and flying. With some great presentations together with Student AirRace, each team had the ability successfully complete their hardware. Diving into this innovative topic was a lot of fun including a steep learning curve.

On Sunday we had the amazing opportunity to get our hardware into the air at the testing ground. Iterating fast helped a lot when PID tuning. After multiple flights, the quadcopters already felt much more stable when flying. It was a close race, but in the end the trophy (Wanderpokal) went AS Bremen. Congratulations!

Besides that we had fun investigating a fictional plane crash during the "Air Crash Investigation enjoyed some after-work experienced real Bavarian Brezn and Obazda, improved our acro-mode flying skills in the simulator, got a tour through the Makerspace at the Munich Urban Colab and found some amazing new friends from other local groups.

To conclude, it was truly a great opportunity to get to know other Local Groups while also learning a lot about drones as a rapidly emerging topic in Aerospace. It was a pleasure to host this event, and we hope to see you again in October when we will host our next, even bigger drone challenge, the Student AirRace!

LOCAL GROUP LIFE

EUROAVIA LGS FACE TOUGH DECISIONS. CHOOSE WISELY (or don't).

WOULD YOU RATHER

REORGANIZE AN EVENT WITH ONLY 1 WEEK OF PREP



EXPLAIN TO A SPONSOR WHY THE EVENT NEVER HAPPENED?

WOULD YOU RATHER

APPLY AND ONLY 5 SHOW UP



SHOW UP?

HAVE 100 PEOPLE



HAVE 5 PEOPLE APPLY AND 100

WOULD YOU RATHER HOST A WORKSHOP WHERE THE SPEAKER DOESN'T SHOW UP



HOST A SPEAKER WHO WON'T STOP TALKING ... EVER?

WOULD YOU RATHER MISSPELL EUROAVIA



MISPRONOUNCE THE NAME OF THE COMPANY YOU'RE TALKING WITH?

HAVE TO MODERATE A PANEL OF ENGINEERS WHO HATE EACH OTHER



BE ASKED TO GIVE A SPEECH YOU DIDN'T KNOW YOU WERE GIVING?

WOULD YOU RATHER BE IN CHARGE OF FOOD AT YOUR EVENT



BE IN CHARGE OF REIMBURSEMENT?

WOULD YOU RATHER TRAVEL TO AN INTERNATIONAL EVENT AND FORGET YOUR ID



ARRIVE AND REALIZE YOU'RE NOT ACTUALLY REGISTERED?

WOULD YOU RATHER PLAN A WHOLE EVENT AROUND A GUEST WHO CANCELS LAST MINUTE



REALISE YOU BOOKED THE VENUE FOR THE WRONG MONTH?

ALUMNI CONTRIBUTIONS

Once a EUROAVIAn, always a EUROAVIAn! Discover how EUROAVIA empowers students to grow, featuring inspiring testimonials from our ALUMNI.





Dimitrios Gouskos

Active period in EUROAVIA: 2005-2010

AS and Role in EUROAVIA: Founder & President of EUROAVIA Athens, IB President

My journey in the aerospace field has been deeply intertwined with EUROAVIA. As a student at the National Technical University of Athens, I co-founded and served as the first President of EUROAVIA Athens. In 2008-2009, I had the honour of leading the International Board as President.

These experiences were more than just extracurricular activities, they were a hands-on education in leadership, collaboration, and resilience. Founding a Local Group from scratch taught me how to build a team, set a vision, and navigate through challenges with limited resources. On the IB side, I developed an appreciation for multicultural teamwork, strategic planning, and the dynamics of an international organization.

Today, I lead the non-linear analysis team at Airbus in the UK. The technical knowledge I gained through my studies was crucial, but it was EUROAVIA that helped me develop the leadership and communication skills I use every day. EUROAVIA offered me a unique bridge between academic life and the professional world. It fostered in me a spirit of initiative and cooperation that continues to shape my career.

Bianca Moldovanu

Active period in EUROAVIA: 2014-2019

AS and Role in EUROAVIA: Bucaresti, Vice-President 2016-2017



I am currently working as Product Assurance & Safety Engineer at Telespazio Belgium SRL for the European Space Agency in the Future Launchers Preparatory Programme (in France). My career in the space industry started in Romania while I was still my university studies and it was a result of EUROAVIAn experience, networking and connections - EUROAVIA adds value to the CV for a junior profile. I truly believe that for a future professional EUROAVIA is "a space station" equipped with opportunities for learning and growth in various fields and domains, technical and nontechnical.

Gunnar Quante

Active period in EUROAVIA: 2012-2022

AS and Role in EUROAVIA:

Bremen & Brunshweig - Local President and Trainer

Almost all my learning points from EUROAVIA add up complementarily to the ones of my studies. While studying Industrial Engineering with the focus on aviation taught me mostly the tools and methods and the way of thinking as an engineer, being an active member of EUROAVIA raised my self-awareness and most importantly provided me with a better understanding of voluntary work in different international teams. It seems like two sides of a coin to me: one is not complete without the other.

Nowadays I pursue a PhD in fuel-related measures to mitigate aviation's climate impacts and work as a commercial airline pilot.





Juan Manuel Lora Alonso

Active period in EUROAVIA: 2012-2019

AS and Role in EUROAVIA: AS Sevilla - AS Istanbul, IB President 2017-2018

EUROAVIA has been to this day the most impactful influence in my professional journey. As an MBA Aerospace Engineer, I found my path through EUROAVIA not once, but twice. Firstly, it helped me realize my passion for contributing to large organizations where I could drive business impact while staying closely connected to people. Secondly, thanks to the strength of the EUROAVIA network, it opened the door to my current role.

Today, I serve as a Sales Manager at SES, one of the world's leading satellite operators, from the Washington DC office. I work in a fast-paced, dynamic environment at the intersection of space and aviation, delivering services to commercial aviation and engaging with stakeholders who are shaping the future of connectivity.

Ready for your next chapter as a EUROAVIAn? Whether you're graduating soon or have already graduated, your journey with EUROAVIA doesn't have to end here. Join our EUROAVIA Alumni LinkedIn Group to stay connected with fellow members, access exclusive job and networking opportunities, and keep the EUROAVIA spirit alive wherever you go. If you're proud to be part of our community, this group is for you — scan the QR code and join us today!



INTERVIEWS

From aerospace experts and professionals but also, from other EUROAVIAns and engineering students, dive into the interviews in this section and let their insights fuel your dreams and ambitions.

AERO FRIEDRICHSHAFEN ORGANISERS

Giulia Gemma | CM PRESS MEMBER

G.G.: How do you envision the role of young aerospace engineers and student organizations like EUROAVIA in shaping the future of General Aviation?

T.B.: I believe young aerospace engineers are essential to the future of General Aviation. They will become the next generation of engineers for all the companies represented here at AERO. Many of these companies are facing the same challenge: a shortage of talent. That's why cooperation with organizations like EUROAVIA and your presence at the event is so important.

G.G.: Schirin, what inspired the introduction of Career Days at AERO, and what are your goals for this initiative?

S.B.: The main inspiration was the growing need for future talent. Every company is looking for young professionals, which is why we introduced Career Days at AERO and placed it right in the heart of the show. It's a vibrant space we intend to continue expanding. Last year was my first time at AERO, but it was already the second year for Career Days. This year it has grown a little, and we aim to make it even bigger in the future.

G.G.: Johanna, what role does social media play in shaping the public perception of AERO?

J.G.: Social media plays a huge role, especially in attracting young people to visit AERO. Our goal is to create content that is appealing both to visitors attending the event and to young people who may not have visited AERO yet. It's about making the fair accessible and interesting to a wider audience.

ABOUT THE INTERVIEWEES:



Tobias Bretzel (T.B.), Show Director of AERO Friedrichshafen and Head of Aviation at fairnamic.



Schirin Bahlo (S.B.), Project Manager at Messe Friedrichshafen, organiser responsible for Career Days.



Johanna von Großmann (J.G.), Social Media & Digital PR Unit Manager at AERO Friedrichshafen.

G.G.: Tobias, are there any plans to build stronger connections between AERO and student associations through mentorships, internships, or collaborative projects?

T.B.: Absolutely. Our goal is to attract more students to the show, not just from Europe but from around the world. Career Days are a great opportunity for students to discover different aviation segments and job opportunities. Right now, we are focused on reaching students from regions where participation is still low. Building these connections is a key objective for us moving forward.

G.G.: How can students make the most of events like AERO, not only for networking but also to really stand out in the eyes of companies and potential employers?

Thev should proactively approach companies and speak about their own experiences and what they hope to achieve in the industry. Career Days offer the perfect platform for this, but honestly, all the companies here are open and eager to connect with young talent. Being open, curious, and confident makes a real difference.

G.G.: Johanna, which social media platform has shown the highest engagement at AERO, and why do you think that is happening?

J.G.: LinkedIn and Instagram are performing at the same level. LinkedIn has a stronger B2B focus, with many exhibitors using it for networking, while Instagram is more B2C focussed and has seen strong growth over the past days.

T.B.: I think that success comes from the high-quality content that Johanna, her team, and our partners are creating. We have amazing videographers and engaging, targeted content. It's hard to point out one platform as the standout, because each serves a different audience.

J.G.: Exactly, it's really about tailoring content to each platform. The audiences are quite different, so we try to produce good content for both channels.

G.G.: From your perspective, how has the aerospace job market changed over the past decade, and where do you think it's heading?

T.B.: The dynamics have definitely shifted. Today, it is often the future employees who choose where they want to go; not the other way around. Companies now need to invest more resources to attract the right people. Young professionals in particular ask, "Does this job make sense? Am I contributing to something meaningful?" That's why sustainability, That's zero-emission aviation, and similar innovations are so attractive now. They are not just about a career; they're about purpose. This mindset is much more common than it was a decade ago.

G.G.: Are there plans for deeper collaborations with student groups like EUROAVIA in the future?

S.B.: Definitely. It's a good platform for both sides: student groups and for us. We can all from welcoming more student cooperations like yours.

G.G.: How do you balance creating content that reaches the aerospace community while also making it appealing to the general public and students?

J.G.: The key is creating different content for different platforms. This year, we tried out new creative approaches, like Instagram reels from fresh angles. It's about focusing on what works best for each channel, whether LinkedIn, Facebook, or Instagram, and tailoring the message accordingly.

G.G.: What were some behind-the-scenes challenges you faced while organizing an international event like AERO? What was the biggest challenge?

T.B.: One of the biggest challenges is logistics. We have more than 320 aircraft on display, from UAVs to large business jets. Coordinating their arrival, moving them into the halls, and setting up the static displays for four days is very complex.

J.G.: The day before the show is particularly intense for us. Everything happens at once: aircraft are arriving, helicopters are landing, exhibitors are setting up, business jets are being brought in. It's the perfect time to capture behind-the-scenes content because the audience is excited and wants a sneak peek, but it's also very challenging to manage, as we want to capture every moment.

PACE '25 WINNERS - LORENZO COLA

Ruth Jurado Diaz | BR WG MEMBER

R.D.: Can you briefly describe the project your team presented?

L.C.: Our project was a reconfigurable HMI composed of three displays: a PFD, an MFD, and an Assistance panel. Each panel is optimized for both single-pilot operations and dual-pilot flights, allowing for a smooth transition to SPOs without requiring an entirely new aircraft design. Every instrument we created resembles current systems, minimizing the need for expensive and extensive retraining.

R.D.: Lorenzo, what was the biggest challenge that you faced?

L.C.: The biggest challenge was understanding what a pilot would need flying alone at 35,000 feet and also during emergencies and doing our work following the current guidelines of the EASA and the FAA and also applying those regulations and our assumptions we made for the project to ease the pilot workload during emergencies and cruising flights.

R.D.: Did you expect to win the competition?

L.C.: We thought that our project was a good project because we worked on it very hard so we think that we could win but we are not sure because the other team, we don't know the work of the other team, the project of the other team, but today when we are presenting, when I see the other presentation, I thought that there could be a chance to win.

R.D.: What did you learn from this experience about the challenge or the event?

L.C.: I think the most important thing that I got to learn by participating to this competition is working in a team, developing our ideas and understanding which ideas or concepts were suitable for our project and what could or couldn't be done. So I think that this was one of the most important things that people that work in teams need to understand in order to reach a satisfying goal. And moreover, I learned a lot of things about BASE's world. We got to talk to many people that work in the industry that showed us what it means to work in the aviation industry and how they contribute to this world. So I'm really grateful that we got to take part to this.



ABOUT THE INTERVIEWEES:

Lorenzo Cola (L.C.), from the winner Team AETHER (AS Forlì-Bologna).

Other members: Veronica Foiani, Filippo Bini, Elisa Ventura and Francesco Rapuano.

R.D.: What was the most exciting part of participating in this competition?

L.C.: The most exciting part about this competition is absolutely being here at the PACE Days. And we have the opportunity to talk with a lot of people that have an important role in this sector, in the aerospace sector, and let to know as a team. And of course, this morning, being able to present our project in front of a lot of people, and being able to present us, and also we have won the competition. This was the most beautiful thing that could happen, so we are really happy.

R.D.: How did your team divide responsibilities?

L.C.: At the beginning, two of us were tasked with brainstorming and drafting the design, while the other three focused on research to validate those ideas. After the initial phase, four members developed the concepts into more refined and realistic solutions; during this phase, we also made several design adjustments. While some members worked on coding, one person took responsibility for writing the report and overseeing the work to ensure we stayed on track.

R.D.: What advice would you give to future participants?

L.C.: Seize the moment. If you're passionate and believe you have the skills or knowledge to contribute, go for it. You won't regret.

MENTORING PROGRAMME - HIGHLIGHTS

Athina Athanasaki | CM COORDINATOR



Each year, the **EUROAVIA** Mentoring Programme builds a bridge between today's students and yesterday's members, now professionals in the aerospace and engineering sectors. By connecting current EUROAVIAns with alumni mentors, the programme offers a space to explore future career paths, exchange perspectives on life after university, and build confidence in navigating the job market.

Through regular online meetings, mentees benefit from their mentors' insights, guidance. experience, and These conversations cover everything from CV tips and job interviews to long-term career strategy and personal growth. More than advice, mentors offer a glimpse into the realities of working in the aeronautics, space, and broader engineering industries.

A.A.: Can you share a memorable moment that shows the progress you've made together?

S.V.: After our third call, I reached out to a company I'd been too nervous to contact before. I used Valentina's networking script and they invited me to an online chat. That small success boosted my confidence enormously.

Valentina, from your industry perspective, do you see a gap between what university teaches and what companies expect?

V.L.: It really depends on the role, but in many cases, the gap lies in soft skills. These aren't typically taught in class, they come from extracurricular experiences like those offered through EUROAVÎA. Whether you're managing social media projects or presenting at a Congress, you're developing crucial abilities: public speaking, teamwork, adaptability. Employers notice that. Technical knowledge is the foundation, but it's those extra skills that make you stand out. That's why I always encourage my mentees to network, take initiative, and step outside their comfort zones.



ABOUT THE INTERVIEWEES:

Two of this year's mentor–mentee pairs:

Valentina Luchetti (V.L.) & Şebnem Varol **(S.V.)** [In the picture]

Neus Erlenkamper (N.E.) & Antonio Gonzalez Gomez (A.G.).

A.A.: Is mentoring more useful in the early years of university or closer to graduation?

A.G.: Both. In your first years, it helps you discover what's even possible as a student. By your final years, it helps you step into professional life. The value is there at every stage.

N.E.: There's a view that first-year students shouldn't start mentoring because they're still figuring things out. But mentoring can actually help with that. It challenges you to grow, to communicate, to think on your feet. That kind of discomfort brings learning.

A.A.: What happens after the programme ends?

A.G.: I don't see it as 'goodbye'. It's more like gaining someone I can turn to anytime I need advice. It's a connection that can last far beyond the official sessions.



TECHNICAL ARTICLES

In this chapter, dive into the world of aerospace and engineering through articles written by our members. From technical insights and innovative projects to reflections on cutting-edge research, these contributions showcase the knowledge and curiosity that drive the EUROAVIA spirit.

Integration of the Green Movement in the Aerospace Sector

FRANCESCO RAPUANO

Over the past two decades, as public awareness of climate change has grown, both the public and private sectors have stepped up their commitment to environmentally friendly solutions. We have already seen the transition to electric propulsion in cars, bicycles, trains, buses, and trucks. Conspicuously absent from this list have been private and commercial aircraft. Why is that?

"Green aviation" refers to aircraft that use hybrid or fully electric propulsion technologies. The aerospace industry has not ignored environmental concerns, but the path forward is far more complex than in other transportation sectors.

Unlike cars or trains, aircraft are extraordinarily sensitive to weight. In a conventional jet, fuel typically makes up 20–40% of the takeoff weight. To provide the same amount of energy, current lithium-ion batteries would weigh significantly more—shrinking payload and passenger capacity—and deliver far shorter ranges.

Where aviation kerosene boasts an energy density of roughly 12000Wh/kg, modern lithium-ion batteries reach only 250 Wh/kg. The challenge, therefore, is to improve existing technologies and boost the specific (Wh/kg), potentially energy integrating alternative energy According to current research, a minimum of is necessary for short-range commercial electric flights to be viable.

Electric aircraft could drastically shrink aviation's environmental footprint, cut noise pollution (benefiting wildlife and communities near airports), and eventually lower operating costs. Today aviation accounts for about 2.5% of global CO₂ emissions. That figure may seem modest, but without intervention the sector could contribute more than 25% of global emissions by 2050, according to IEA and ICAO projections.

Industry roadmaps predict the first short-range hybrid-electric flights as early as 2026. For now, most development focuses on hybrid systems to accelerate technological readiness. A conventional hybrid-propulsion setup can cut fuel consumption by roughly 5% compared with standard jet engines.

In the coming years, the aerospace sector will also benefit from advances in other fields. Airbus, for example, stresses that quantum computing will be pivotal for trajectory optimisation, cargo efficiency, and aerodynamic design. These capabilities will also enable more precise simulations of hydrogen fuel cells via Computational Fluid Dynamics (CFD).

While fully electric commercial aircraft may still be some years away, ongoing progress in hybrid systems, sustainable biofuels, and liquid-hydrogen propulsion is already shaping a greener aviation future. The European Union has earmarked more than €4 billion for sustainable aviation research through programmes such as Clean Aviation (formerly Clean Sky). In the United States, NASA has

launched the Sustainable Flight Demonstrator initiative in partnership with Boeing.

The first manned, fully electric flight across the English Channel was completed in 2015 by the Cri-Cri—an exceptionally small aircraft. Despite its limited performance (just a 30-minute range at 110 km/h), the project marked a milestone in material science and weight optimisation.

On 10 December 2024, Airbus wrapped up flight-testing of the EcoPulse hybrid-electric demonstrator in Tarbes, France. achievement is a key step toward Airbus's aim of full decarbonisation by 2050 and lays out a concrete technology roadmap.

EcoPulse exemplifies industrial collaboration: the joint effort by Airbus, Safran, and Daher underscores not only the importance of cooperation but also the need for regulatory frameworks that can keep pace with hybridand electric-aviation innovation. EcoPulse is not Airbus's only green initiative. In 2020, the company unveiled four hydrogen-powered aircraft concepts under the ZEROe banner. Although hydrogen fuel cells have existed for some time, none had previously demonstrated the required power-to-weight characteristics for aviation.

To close this gap, Airbus partnered with ElringKlinger in 2020 to develop aviation-specific fuel cells. In 2023 the system they co-developed delivered 1.2MW of shaft power—a milestone on the path to introducing a hydrogen-powered commercial aircraft by 2035.

significant step will The next hydrogen-powered A380 test flight, expected by 2026.

Airbus is not alone. Lilium, for instance, is developing an electric air taxi and has already signed agreements to operate in New York City. In 2021 the company partnered with ABB—an electric-charging-infrastructure leader—to supply fast-charging stations such as the Terra 360.

Safran, a global leader in aerospace propulsion, is likewise investing heavily in green aviation. While it does not manufacture aircraft directly, Safran focuses on next-generation batteries, electric-power distribution, and system interconnectivity. It is currently the world's second-largest developer of electric-propulsion systems for aviation.



As the aerospace industry undergoes a transformation, profound the economic ramifications are equally significant. Battery-powered propulsion systems expected to slash operating costs for airlines, potentially translating into lower ticket prices and reduced aircraft-manufacturing costs. Although present-day battery energy densities limit range and payload, this constraint creates new opportunities: short-haul routes under 400 km—once unprofitable—could become viable thanks to the low operating costs of electric aircraft.

While the transition to electric aviation demands substantial up-front investment, it also offers a high-potential opportunity for companies to secure early leadership in sustainable-aviation markets.

Cybersecurity in the Aviation World

MICHELE NARDIN

When you think about security in aviation, you probably imagine inspectors and engineers walking around an aircraft, checking engines, hydraulic systems, or the structural integrity of various components. However, the concept of "security" in the aviation industry applies not only to the physical aspects of an airplane but also—crucially—to its software.

We witnessed this firsthand on July 19, when a simple failure in CrowdStrike's software escalated into a widespread disruption that led to nearly 7,000 flight cancellations and numerous airport delays.

CrowdStrike's crash was unintentional, but what if someone deliberately tried to hack an airport—or even an aircraft? Could they succeed? How are aircraft protected from cyber-attacks and digital threats?

To help us answer these questions, we turn to EASA—the European Union Aviation Safety Agency—whose mission is to ensure safe flights for all European citizens, maintaining the highest possible standards.

As civil aviation becomes increasingly digital, it also becomes more vulnerable to cyber risks. Attackers may attempt to steal data (from both companies and private individuals), manipulate systems, or disrupt essential services. Any system with an external interface or internet connection becomes a potential target for hackers.

EASA's responsibility is not only to assess the likelihood of such attacks but also understand the potential consequences: the greater the potential danger, the lower the acceptable likelihood must be. In addition to implementing controls and monitoring vulnerabilities, the agency ensures cybersecurity is considered from the very beginning—during the design and construction of aircraft—as well as in pilot operations.

Pilot awareness of cyber threats is increasing, though there is still room for improvement. In response, EASA is working to integrate cybersecurity awareness into the academic training of pilots.

If you're wondering what tools EASA and similar agencies use to protect us, here are some of the most critical protocols:

- ARINC 653 (Avionics Application Software Standard Interface): A software specification that ensures space and time partitioning in real-time operating systems (RTOS) used in safety-critical avionics. It prevents unauthorized access between different onboard systems—such as flight controls and in-flight entertainment.
- RTCA DO-326A (Airworthiness Security Process Specification): A guideline for manufacturers and operators to secure aircraft against cyber threats and avoid cross-system interference.
- ADS-B (Automatic Dependent Surveillance–Broadcast): A technology that enables aircraft to broadcast their position and other data to ground stations and nearby aircraft. While vital, ADS-B signals are unencrypted and therefore vulnerable securing these data streams is a growing necessity.
- **IPsec (Internet Protocol Security):** Essential for safeguarding the confidentiality, integrity, and authenticity of data exchanged between infrastructure systems. It is often used to protect communications between air traffic control and ground services.

Looking ahead, the surface area for potential attacks will only expand, providing more opportunities for malicious interference. That's why organizations like EASA are critical—they help build the structures and protocols that protect passengers, operators, and sensitive data alike.

While the work of EASA and similar agencies may go unnoticed—unlike the visible presence of engineers and inspectors—they are just as vital to the security of modern aviation.

As long as these often-unseen guardians continue their efforts, citizens across Europe and beyond can trust in a safer and more secure aviation environment.

Student AirRace 2025

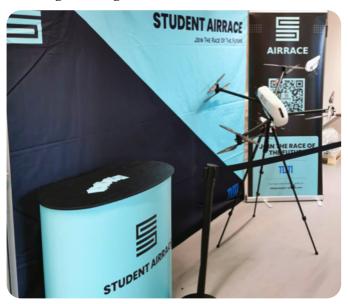
How Drone Racing drives Aerospace forward

AS MÜNCHEN

With the aerospace sector rapidly evolving through digital transformation, electrification, autonomous systems, and sustainable propulsion technologies, the demand for agile, interdisciplinary, and innovation-driven talent is growing faster than ever. In response to this shift, Student AirRace 2025 was created as a challenge-based learning platform that allows students to turn these emerging technologies into action.

Organized by EUROAVIA Munich, Student AirRace 2025 brings together student teams from across Europe to design, build, and race their own drones. What sets this competition apart is its technical depth and its focus on learning. The event centers on a new class of multicopter UAVs called Hyperdrones. These vehicles are manually piloted, electrically powered, and built according to detailed safety and performance standards developed by the student organizers themselves.

Each Hyperdrone must fall within a strict technical envelope. The aircraft must weigh between 2 and 10 kilograms, deliver a thrust-toweight ratio of at least 2 to 1, and operate reliably under changing environmental conditions. Redundant systems, safe emergency behavior, and intelligent control features such as return to home and automatic landing are required. The drones fly through a dynamic course designed to challenge both piloting skills and engineering decisions.



Student AirRace is more than a race. It is a platform for applied aerospace education and practical engineering. Teams are judged not only on speed, but also on technical documentation, safety, design maturity, and their approach to sustainability. This reflects the reality of modern aerospace development, where success depends on systems thinking, clear communication, and careful trade-offs.



The competition is part of the technical division of EUROAVIA Munich, connecting it to the wider European network of EUROAVIA. This structure helps participants grow beyond the technical side of the event. They share knowledge, students from other meet universities, and engage with industry partners and mentors.

As the aerospace sector moves toward greater automation, cleaner propulsion, and increased system complexity, Student AirRace offers a chance to explore these directions in a handson, focused setting. It is about learning through doing and about creating space for students to build confidence in their skills.

This October, the skies near Munich will not only host a drone race. They will show how student teams from across Europe are working together to understand and shape the future of flight. Carefully, practically, and with the kind of curiosity and ambition that defines real engineering progress.

AIRBUS

AIRBUS

Airbus is a global aerospace leader, pioneering cutting-edge aviation technology and sustainable solutions. With a diverse portfolio that includes commercial aircraft, helicopters, defence systems, and space exploration, Airbus is at the forefront of innovation in the aerospace industry. The company is committed to designing and manufacturing advanced, ecoefficient aircraft and systems that shape the future of aviation. Airbus connects people and cultures around the world, contributing to a safer, more sustainable future.

İGA Academy



IGA Academy is an aviation academy accredited by ICAO, ACI, IATA, EUROCONTROL, and TSA. It provides signature training sessions such as Accessibility, Sustainability, Women Leadership, Security, and Turkish Hospitality training. It has more than eight sister airports and provide its own Aviation management programme with partner universities. Finally, there are also personal development and training programmes for its employees.

ANSYS



Ansys is a global leader in engineering simulation software, empowering organisations achieve breakthrough innovations and accelerate product development. By providing advanced tools for physics-based modelling, structural analysis, and multiphysics simulations, Ansys enables engineers to solve design challenges, optimise complex performance, and ensure reliability across industries—from various aerospace automotive to electronics and energy. Trusted by thousands of companies worldwide, Ansys drives innovation, reduces costs, and helps bring cutting-edge products to market faster.

BUSINESS EXPLORATION



Business Exploration has been helping industrial companies sell complex, customized solutions since 2009.

As a Founding Member of the Cialdini Institute, Business Exploration brings the latest insights from Behavioral Economics to the commercial teams of companies in the Aerospace, Defense, Energy, Marine, Automation and Medical Devices sectors—empowering them to influence sales scientifically and ethically.

European Helicopter Association (EHA)



Representing the VTOL community in 13 Countries across Europe, their mission is to speak as THE voice for the European VTOL industry at the European Institutions and elsewhere, promoting the best interests of all sectors. Since its establishment, in 1980, EHA has been focused on promoting the use of the helicopter as a vital tool for improving the safety of citizens, enhancing National security and adding economic value to the European Union's collective wealth. Their members are rotorcraft operators, manufacturers, service providers and suppliers all working together for a common cause.

EUROCONTROL



They support European aviation by delivering technical excellence and civil-military expertise across the full spectrum of air traffic management. Simultaneosly EUROCONTROL, raise the key issues the industry faces and solutions to deal with those challenges. Their activities touch on operations, service provision, concept development, Europe-wide project implementation, performance improvements, coordination with key aviation players as well as providing support to the evolution and strategic orientations of aviation.

EUROPEAN ROTORS



HILLSBORO AERO **ACADEMY**



EUROPEAN ROTORS, a four-day business-tobusiness event, stands out in the rotorcraft industry. It offers certified training sessions, seminars, and workshops, making it a hub for industry leaders to conduct business and share knowledge. Co-organised by the European Helicopter Association (EHA) and the European Union Aviation Safety Agency (EASA) and produced by Vertical Aviation International (VAI), it hosts the prestigious EASA Rotorcraft and VTOL Safety Symposium.

Since its launch in 2021 with a successful show in Cologne, Germany, the EUROPEAN ROTORS event has been on a trajectory of growth and success. The second edition also took place in Cologne. For its third edition the show moved to Madrid, Spain, attracting over 5,400 industry attendees and 231 exhibitor companies from more than 80 countries, attesting to the show's popularity. The fourth edition, in Amsterdam, the Netherlands, had similar worldwide participation. In 2025, EUROPEAN ROTORS returns to Cologne for its fifth edition.

PACE

PACE

Founded in 1995, PACE Aerospace & IT has built a reputation for developing cutting-edge software products, which took the company from university spin-off to international market player and partner of choice for leading aerospace and aviation companies.

PACE Aerospace & IT engages in aerospace and aviation niches such as aircraft preliminary design, aircraft interior configuration, flight profile optimization, Avionics HMI, extended reality (XR) and AI based training.

Hillsboro Aero Academy trains helicopter and airplane pilots from more than 75 countries, making it one of the largest international flight schools in the world. Since 1980, the Academy has guided students in turning their passion for flying into professional careers in aviation.

Based in Oregon, USA, Hillsboro offers one of the most diverse training environments anywhere, preparing pilots for real-world challenges and opportunities with airlines and helicopter operators. With approvals from multiple international aviation authorities and a reputation built over 45 years, the Academy is recognized for its safety, quality, and global outlook.

A unique advantage for international students is the extended visa option, allowing graduates to continue working in the United States for nearly two years after completing their licenses. Equally distinctive is the opportunity to obtain both FAA and EASA certifications at the same location, opening doors to careers across North America, Europe, and beyond. At Hillsboro Aero Academy, the dream of flight becomes a pathway to a global profession.

MathWorks



MathWorks is a leading developer of software. MATLAB, 'the computational language of technical computing', programming environment for development, data analysis, visualization, and numerical calculations. Simulink is a graphical environment for simulations and model-based design of multi-domain dynamic and embedded systems. Engineers and scientists worldwide use these products to accelerate the development of research and innovation in automotive, financial electronics, biotechnology and pharmaceuticals, and other industries.

PARTNERS

CANSO



CANSO (Civil Air Navigation Services Organisation) is the global voice of the air traffic management (ATM) industry, representing air navigation service providers (ANSPs) and industry suppliers worldwide. CANSO drives the development of safe, efficient, and sustainable air traffic management solutions by facilitating collaboration, sharing best practices, and advocating for industry advancements. CANSO plays a critical role in shaping the future of global aviation, ensuring the skies remain safe and accessible while supporting the industry's growth and innovation.

EIIL



The European Institute for Industrial Leadership (EIIL) is a leading organisation dedicated to developing the next generation of industry leaders. By offering specialised training, mentorship, and networking opportunities, EIIL equips young professionals with the skills and knowledge needed to excel in industrial management roles. With a strong focus on leadership, innovation, and sustainability, EIIL partners with top companies and academic institutions across Europe to ensure that participants are prepared to meet the challenges of an evolving industrial landscape.

ICAS



The International Council of the Aeronautical Sciences (ICAS) is a global organisation dedicated to advancing the field of aerospace sciences. By bringing together leading experts, researchers, and industry professionals from around the world, ICAS fosters collaboration and the exchange of knowledge in aeronautics and astronautics. The organisation hosts conferences, publishes research, and supports the development of innovative technologies that shape the future of aerospace. ICAS plays a crucial role in promoting scientific excellence and driving progress in the aerospace industry.

International Space University



The International Space University (ISU) is an institution dedicated to space education, collaboration. Located research, and Strasbourg, France, ISU offers interdisciplinary programmes that cover all aspects of space science, engineering, policy, business, and law. With a diverse, global network of students, faculty, and alumni, ISU fosters innovation and international cooperation in the space sector. The university's approach combines academic rigour with hands-on experience, preparing graduates to lead and drive advancements in the evolving space industry. ISU is committed to shaping the future of space exploration and ensuring that space benefits all of humanity.

Junior Enterprises Europe (JEE)



Junior Enterprise Europe (JEE) is a network of student-run consulting firms across Europe that provides real-world business solutions while fostering entrepreneurial skills among students. These junior enterprises offer consultancy various fields, including services in management, marketing, finance, engineering, bridging the gap between academia and industry. By engaging in handson projects and collaborating with companies, students gain valuable experience and insights into the professional world.

Nereus



NEREUS is the Network of European Regions Using Space Technologies, an initiative by regions across Europe founded in 2009. Emphasis is placed on the use of space technologies. The network aims to explore the benefits of space technologies for Regions and their citizens and to spread their understanding and applications. It brings together 23 Regions in European countries and a rapidly growing group of Associate Members ensuring a significant industry, SME and research representation.

SGAC



The Space Generation Advisory Council (SGAC) is a global non-profit organisation dedicated to representing the interests and ideas of young professionals and students in the space sector. SGAC provides a platform for the next generation of space leaders to engage in discussions, develop policies, and contribute to international space initiatives. By organising events, workshops, and conferences, SGAC fosters collaboration and knowledge-sharing among young students and professionals, helping to shape the future of space exploration and development.

ment.



AERO Friedrichshafen is a trade show dedicated to European general aviation. It is held yearly in April on the shores of Lake Constance at the exhibition center of Friedrichshafen, Germany right next to Friedrichshafen Airport. During the show participants can discover the variety of the aviation industry in 12 exhibition halls and a static display ranging from Gliders, Ultralights, piston aircraft and helicopters up to Business Aviation. With more than 756 exhibitors from more than 38 countries, 32,000+ attendees and 500+ journalists from all over the world, AERO Friedrichshafen is the international community's annual meeting place.

SEAC



The Space Economy Academy (SEAC) is a leading educational institution dedicated to advancing knowledge and expertise in the field space economy. The academy specialised programmes, workshops, training sessions designed to equip students and professionals with the skills needed to navigate and thrive in the space industry. SEAC focuses on various aspects of space economy, including space commercialisation, satellite technology, space policy, and market analysis. By fostering a deep understanding of the economic and strategic dimensions of space activities, SEAC plays a crucial role in shaping the future of space exploration and utilisation.

AiShed

AiShed is a non profit association, aiming to serve the community of individuals interested in the ever-evolving field of artificial intelligence. Their mission is to connect people with the latest developments, news, and findings in the world of AI. The association provides a platform for members to engage with each other through events, workshops, and online forums and bring together experts and enthusiasts to share their insights and expertise on the developments in AI. AiShed hopes to become a leading resource for the AI community and their vision is to become a tech magazine that not only informs, but also inspires our readers to engage with the field of AI in a meaningful way.

COLLABORATORS



AERO Friedrichshafen



















Takeoff Words

Unscramble the following aerospace-related anagrams.

Use the highlighted letters in each solution, put them in the right order and find the first secret word!

DILGNGI →	
$RAPALEIN \to$	
TILOP →	
${\tt NCIVASOI} \rightarrow$	
$KTECRO \rightarrow$	
$HRSWIAO \rightarrow$	
AUVMUC →	
TORSADEI $ ightarrow$	

Clue: The hidden word is the name of your favourite student association!

Encrypted Altitude

Decode the encrypted word below.

Use Caesar cipher with a backwards shift of 5 [A \leftarrow F, B \leftarrow G, etc.]

Encrypted Word: NSKQNLMY

Secret word: ___ ____

The Aerospace Rebus

Solve the Rebus and find our the secret word.



Secret word: _____

[5**]**





Founding Code

Insert in the coloured boxes the number you found from the definition that, in some cases, can fill two boxes. With the numbers you add you can try to solve the sudoku.

Pay attention to the orange boxes! In the correct order they will complete the codel

A1. AS/AM in EUROAVIA 3_

A2 e C6. It's mission marked a historic milestone as the first crew launch by a private company, the Dragon Demo-_

A3 e B8. Lines in the first version of the **EUROAVIA** Logo

A9 e B6. ESA was created in the 197_

B1 e D6. "Ait" in english

B5 e C1. 20 July 1_6_

C3 e E6. Number of official colours for the EUROAVIA Logo.

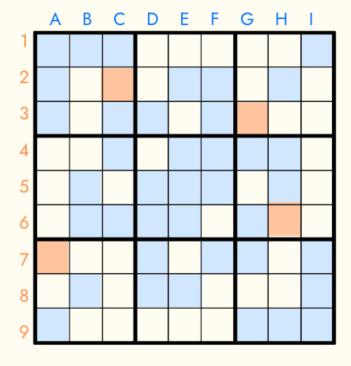
C4. Gagarin became the first human being to orbit Earth 196_

D3. Mach Number if the aircraft is travelling twice the speed of sound

D5 eE2. The Havilland DH10_ Comet, the world's first commercial jet airliner.

D7 e F5. Followers of ig @EUROAVIA _k

D8. 17 December 1_03 Brothers Wright first controlled flight with a motor vehicle, Flyer.



E4. Duration of the First Assembly that marked the birth of EUROAVIA

E5 e G9. _4_ first wide-body jet launched by Boeing in 1970.

E8 e F4. In the 193_, Amelia Earhart became the first female pilot to fly solo across the

F2. 19_6 came out the first "Top Gun"

F3 e I9. Is the actual Issue

F7. Foxtrot in aviation

G4 e I1. AS from Germany

G6. Minimum of IB

G7 e H4. It is the same if rotated

H2 e I8. EUROAVIA had it's 65th anniversary in 202

H5 e 17. 1st edition of Future&Beyond in '__

H9. The Working Groups without zero.

Mission EUROAVIA

Hei Agenti Did you find the secret code? You need to complete your last mission: take a picture with your magazine, add the secret code and post it. Don't forget to tag usil If you were fast enough, you may receive a prizel



MOM!



GREETINGS

To Chiana Pennuti, her passion, creativity and determination left an indelible mark on our Association. Her legacy is not only in the projects she built, but in the people she inspired, the friendships she multired, and the community she helped shape. This edition carries your spirit, and we will howor the path that you illuminated.

> Remembering Solin Ko4 from AS Ankara - his kindness and spirit will always stay with us.

LIST OF (P)AS/(P)AM

AS Aachen PAS Edinburg AS Oostende

AS Ankara **PAS Eskisehir AS Paris**

AS Athens AS Forlì-Bologna **AS Patras**

AS Pisa AS Beograd AS Istanbul

AS Bordeaux PAS Izmir AS Rzeszów

AS Kocaeli **PAS Samsun** AS Braunschweig

PAS Sarajevo AS Bremen PAS Kyiv

AS București **AS Sevilla AM Lagos**

AS Leuven **AM Cairo** AS Stuttgart

AS Cádiz AS Lisboa AS Tampere

AS Castelldefels AS Lyon AS Terrassa

AS Milano AS Toulouse AS Cluj-Napoca

AS València

PAS Minho AS Delft AS München AS Zagreb

AS Dresden AS Napoli

LIST OF ACRONYMS

AMAdjunct Member

Annual Meeting of the EUROAVIA Congress **AMEAC**

AS Affiliated Society

AIRBUS Sloshing Rocket Workshop ASRW

BR **Business Relations** BY **Business Year** CMCommunication

DIB Designated International Board

DN Design

AS Covilhã

EG European Grants

EMEAC Electoral Meeting of the EUROAVIA Congress

ETS EUROAVIA Training System

ExMEAC Extra Electoral Meeting of the EUROAVIA Congress

FoWo Formation Workshop HR **Human Resources** ΙB **International Board** ΙE **International Event** IT Information Technology **PAS** Prospective Affiliated Society

S&B Statutes & Bylaws WG Working Group

SPONSORS

AIRBUS



















PARTNERS





















COLLABORATORS















