



INTERNATIONAL ASTRONAUTICAL FEDERATION



NEWS

IAF President's Welcome

Dear IAF Friends,

I am delighted to welcome you to this latest edition of the IAF Newsletter. Our Federation's vital work continues at full momentum as we look forward to gathering very soon for our flagship event: the **77th International Astronautical Congress (IAC 2026)** in Antalya, Türkiye from 5 – 9 October 2026. Under the compelling theme, "The World Needs More Space," the upcoming congress in Antalya will serve as a powerful platform to explore how space technology, exploration, and international cooperation directly address the most pressing challenges.



Preparations are advancing rapidly and we are ready to welcome you to a world-class environment for scientific exchange, technical innovation, and strategic partnerships. Together, we will examine how expanding our space endeavors directly elevates, protects, and transforms life on Earth.

We also look forward to welcoming you to Maldives from 3 -5 May 2027 for the **IAF Global Space and Oceans Conference 2027 (GSOC 2027)** where senior representatives of space agencies, maritime organizations, governments, industry, policymakers, academia, NGOs, and the wider ocean community to exchange knowledge, forge new partnerships, and shape the future of space-enabled solutions for our oceans. This marks the first edition of GSOC, advancing a shared vision on how space can unlock new possibilities for the oceans of Earth.

Preparations are also underway for the **78th International Astronautical Congress (IAC 2027) in Poznań, Poland**, promising an exceptional gathering that will highlight Poland's growing space ecosystem.

The strength of the IAF rests entirely on the energy, expertise, and active engagement of our global network, your contributions to the space sector continue to inspire us all. We look forward to an unforgettable, inspiring, and transformative week in Antalya soon. Thank you for your continued dedication, leadership, and unwavering commitment to advancing space activities for the benefit of all humanity.

Gabriella ARRIGO,
IAF President

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IMPORTANT DATES & DEADLINES:

- GSOC 2027 - Maldives: 3 - 5 May 2027
- IAC 2027, Poznań, Poland: 27 September – 1 October 2027

*Connecting @ll Space People
for a sustainable future*

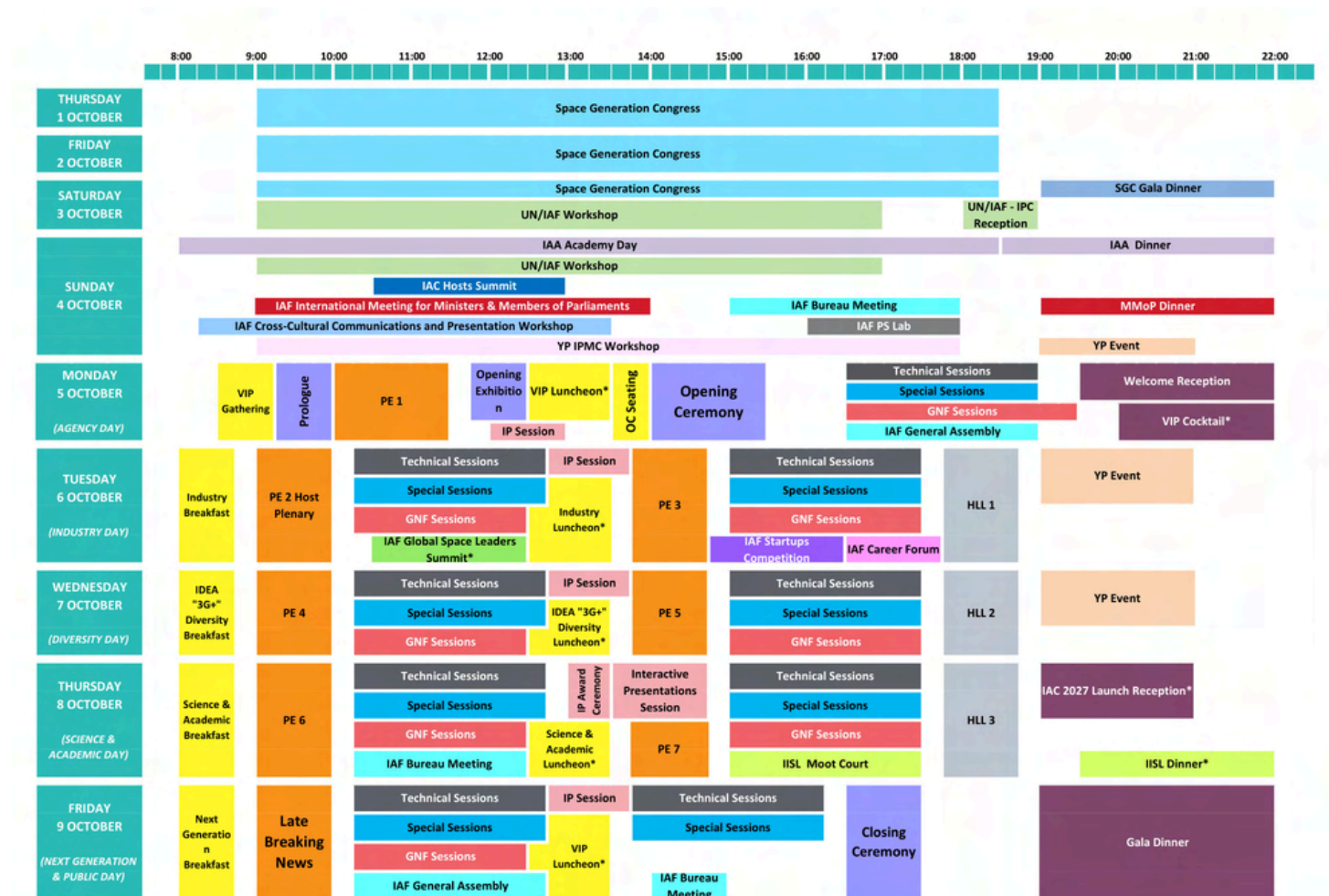




The IAC 2026 Programme

The 77th International Astronautical Congress (IAC 2026) is just around the corner! Organized by the International Astronautical Federation, hosted by the Turkish Space Agency (TUA) and co-hosted by SAHA İstanbul Aerospace Cluster, the IAC 2026 will gather the global space community under the theme “The World Needs More Space” for dialogue.

IAC 2026 At a Glance



Please Note: *By invitation only; Pre-Congress events as well as the IISL Moot Court are dedicated to the respective participants

Connecting Industry, Innovation & Talent at IAC 2026



Industry will take center stage on Tuesday, 6 October, at IAC 2026 in Antalya, Türkiye. Industry Day has been designed to connect industry leaders, innovators, emerging companies, and the next generation of space professionals. Organized by the IAF Industry Relations Committee (IRC), Industry Day begins with the Industry Breakfast and high-level plenaries, the Industry Luncheon and IAF Excellence in Industry Award Ceremony, and a rich programme of Global Networking Forum (GNF) sessions. Discussions will span the future of the space economy—from one-on-one conversations with Heads of Industry and the industry perspective on Artemis II, to end-to-end LEO architectures, the transition to commercial LEO destinations, and the role of space in global crisis response.

During the Industry Breakfast, the IRC will present its last position paper entitled “Global Industry Needs and Capabilities in a Shifting Space Market” where critical needs and capabilities of the global space industry are highlighted, emphasizing the demand for scalable manufacturing, resilient supply chains, and agile regulatory frameworks.

The Heads of Industry One to One Conversation is a new proposed GNF format where moderators will interview CEO’s of industries from different areas and categories on the most debated market topics.

The day will also spotlight innovation and talent. The IAF Startup Pitch Competition will give selected space startups the opportunity to present their ventures before a jury of international space experts and investors. The IRC will also host the second edition of the IAF Career Forum, a dedicated space to connect jobseekers directly with prospective employers. Participating companies will present their recruitment opportunities, sought-after profiles and application processes, leading face-to-face meetings with selected candidates. Open to registered IAC 2026 delegates, the Career Forum offers students, young professionals and anyone exploring new career opportunities a practical way to engage directly with organizations from across the global space sector. Applications are open through 5 September 2026. Together, these activities make Industry Day a unique opportunity to exchange ideas, build new connections, discover emerging companies and talent, and engage with the people and issues shaping the future of the global space industry.

IAF DIVERSITY SURVEY 2026

Diversity is one of the principal pillars of the International Astronautical Federation, and we are committed to promoting it within our community through concrete initiatives.

By joining this initiative, you can explore the richness of your own diversity while also setting meaningful goals for your future objectives.



[Participate in the survey!](#)





DISCOVER THE FULL IAC 2026 PROGRAMME!

IAC 2026 PLENARY PROGRAMME



Plenary Events



One-to-One with Heads of Space Agencies

Day: Monday 05 October | Time: 10:00 - 11:30

Location: Sports Hall - Gloria Sports Arena

Bridging Eras: From Silk Road Astronomy to Lunar Exploration

Day: Tuesday 06 October | Time: 09:00 - 10:00

Location: D1, D2, and D3 - NEST Congress and Exhibition Centre

Geopolitics vs. Innovation: Balancing Corporate Flexibility and Sovereign Capability in a Volatile World

Day: Tuesday 06 October | Time: 13:45 - 14:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

Intercontinental View of Space Governance from Regional Space Organizations

Day: Wednesday 07 October | Time: 09:00 - 10:00

Location: D1 and D2 - NEST Congress and Exhibition Centre

Next Generation Space Infrastructure: Building the Orbital Backbone for a Space-Faring Economy

Day: Wednesday 07 October | Time: 13:45 - 14:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

Navigating the Cislunar Crossroads: Partnerships, Security and Japan as a case study

Day: Thursday 08 October | Time: 09:00 - 10:00

Location: D1 and D2 - NEST Congress and Exhibition Centre

Orbital Oversaturation: The Post-LEO Reality

Day: Thursday 08 October | Time: 13:45 - 14:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

Highlight Lectures



Sustainability and Safety of Large Satellite Constellations from the Starlink Perspective Looking Forward

Day: Tuesday 06 October | Time: 17:45 - 18:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

World Space Award Highlight Lecture

Day: Wednesday 07 October | Time: 17:45 - 18:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

Pioneering Organ-Chip Research in Space to Advance Precision Health

Day: Thursday 08 October | Time: 17:45 - 18:45

Location: D1 and D2 - NEST Congress and Exhibition Centre

Late Breaking News



The Late Breaking News (LBN) are dedicated to showcasing the most recent, high-impact developments in the global space sector, highlighting major achievements, breakthrough innovations, newly announced missions, significant discoveries, and other time-sensitive milestones that emerge close to the Congress.

Day: Friday 09 October | Time: 09:00 - 10:00

Location: D1, D2 & D3 - NEST Congress and Exhibition Centre



THE IAC 2026 APP

Through the IAC 2026 Congress App you will be able to connect and collaborate with the entire IAF Community and check on the full IAC 2026 Programme. Please download the IAF Events App now and let us know what you think about it, what could be improved and of course what you love the most.



IAC 2026 TECHNICAL PROGRAMME



Discover the Special Sessions

SpS		IAC 2026 SPECIAL SESSIONS (SpS)									
		10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00									
Monday 5 October											
Tuesday 6 October											
Wednesday 7 October											
Thursday 8 October											
Friday 9 October											
		Near Space, Real Time: A Live Stratospheric Mission for Public Engagement and Multidisciplinary Insight		Towards a Metal-Based Circular Space Economy: Improving safety and sustainability in Earth orbit to enable long-term human expansion into space		Current State-of-the-Art in Microgravity Research: Most Promising Applications and Pressing Challenges in Advanced Materials and Biotech Manufacturing in Space		Global Cooperation in an Increasing Regionalised Space Economy		Designing for a Multi-Planet Future: Resilient Mission Architectures for Moon, Mars & Cis-lunar Operations	
		Advancing Diagnostic Imaging in Space: From Ultrasound to Radiography and Beyond		From Observation to Decision – Cracking the Last Mile Challenge		Nuclear Propulsion for Space Missions: Decision Trade-offs and Governance Conditions		Planetary Defense Model UN: A Space Crisis Simulation		Water Propulsion and Beyond: The Role of Water in Empowering a Self-Sustaining Future in Outer Space	
		Human Spaceflight as a Strategic Research Infrastructure for Emerging Space Nations		Advancing Human Spaceflight Missions Through Commercial Partnerships		Securing the Space Commons: AI-Driven Space Traffic Management for a Crowded Orbit		From Demonstrations to Operations: Active Debris Removal from an EU Portfolio Perspective			
		Very Low Earth Orbits (VLEO) – Fostering the Growing Community of Interest Towards Sustainable Lower Altitude Operations		Challenges for the Future Development of Hybrid Space Communication Networks		Beyond Rations: The Challenge of Dining in Deep Space		Servicing the Future: Scaling ISAM from Vision to Reality			

[Interactive Presentations](#)



[Checkout the Keynotes](#)



THE IAF GLOBAL SPACE & OCEANS CONFERENCE (GSOC 2027)



GSOC 2027
IAF GLOBAL SPACE & OCEANS CONFERENCE

3 - 5 MAY 2027
MALDIVES

GSOC2027.ORG



ORGANIZER:
INTERNATIONAL
ASTRONAUTICAL
FEDERATION



HOST:

*The Ocean of Space
for the Oceans of Earth*

We are delighted to invite you to contribute your expertise and vision to the inaugural IAF Global Space and Oceans Conference (GSOC 2027), organized by the International Astronautical Federation (IAF), and proudly hosted by the Maldives Space Research Organization (MSRO).

Taking place 3–5 May 2027 in the Republic of Maldives, GSOC 2027 will convene leading voices from across the global space and ocean communities around the compelling theme:

“The Ocean of Space for the Oceans of Earth”

→ [**SUBMIT YOUR ABSTRACT!**](#)



Submit your **400-word** abstract by **13 November 2026**

We invite you to share pioneering ideas, transformative research, practical innovations, and forward-looking perspectives across areas including:

- Technologies and systems for monitoring oceans from space
- Space and ocean science: crossovers, discoveries and shared frontiers
- Space derived public service applications for ocean health, safety, enforcement and infrastructure
- Commercial services, maritime economics and the blue economy
- Space-ocean governance: shared lessons between two global commons
- International and cross sector collaboration on space missions, programs and information provision for oceans and coastal environments
- Social, cultural and indigenous knowledge dimensions of the space-ocean nexus
- Advancing integration of ocean observations, data and information products

78TH INTERNATIONAL ASTRONAUTICAL CONGRESS (IAC 2027)



**IAC 2027
POZNAN
POLAND**

Organized by:



INTERNATIONAL
ASTRONAUTICAL
FEDERATION

Hosted by:



EUROPEAN
SPACE
FOUNDATION



mtp
GRUPA



theway

**78TH INTERNATIONAL
ASTRONAUTICAL CONGRESS**



One Space.
Shared Future.

**SAVE
THE DATE!**

27 September – 1 October 2027

IAC2027.COM

Co-hosted by:



PLSA
Polish Space
Agency

Supported by:



IAM



ESA



SGAC

IAF MEMBERS' NEWS



AACII Council Engages with Leading Aerospace and Space Figures

AACII Astrokids had the opportunity to meet the Federal Minister of Research, Technology and Space of Germany Dorothee Bär and astronaut Thomas Reiter for an inspiring exchange on the future of space and aerospace. Michael Boss, CCO of Starlab Aerospace, and Ulrike Trapp of AACII also participated in the occasion.

The AACII Council continues to strengthen its dialogue with leading aerospace companies and industry experts, creating opportunities to exchange knowledge, explore technological developments and foster cooperation across the aerospace sector.



As part of these activities, the AACII Council was invited by Dr. Peter Glöckner, CEO of Schaeffler Aerospace, to visit the company's renowned aerospace facilities. The visit provided an opportunity for Council members to gain deeper insights into Schaeffler Aerospace's activities and expertise, while discussing developments and perspectives relevant to the future of aerospace.

The occasion also welcomed Tim Sowa, CTO of the joint venture between ATT, Rolls-Royce and Liebherr Aerospace, as a new member of the AACII Council.



The **American Astronautical Society (AAS)** continues to provide valuable opportunities for the international community to convene and connect to advance all space.

The **2026 AAS/AIAA Astrodynamics Specialist Conference** took place July 26-30 in Whistler, British Columbia. In addition to four days of sessions, posters, receptions and more, AAS was honored to present multiple awards and honor new AAS Fellows during the conference.



AAS also recently held its 21st annual **Student CanSat Competition** in central Virginia, with teams from around the world competing for the top place in a highly competitive field.



The competition provides university students with a unique, real-world aerospace engineering experience, challenging challenges teams to design, build, test, and launch a simulated satellite payload that must meet specific mission requirements. From a list of over 100 teams entered, 42 were invited to launch weekend June 4-7 and five came out on top. This year's top five teams were:

- First: Daedalus, Assumption College, Thailand
- Second: Vortex, University of Alabama in Huntsville, United States
- Third: Bamantara EEPISAT, Indonesia
- Fourth: MetalHawk, University of Alabama in Huntsville, United States
- Fifth: SEDS ITBA, Instituto Tecnológico de Buenos Aires, Argentina



View photos from the competition here: [CanSat Photo Gallery](#)

Looking ahead, AAS just held our **Glenn Space Technology Symposium** and is preparing for the annual AAS **von Braun Space Exploration Symposium** 26-28 October, continuing our mission to foster collaboration and innovation among the space industry. We invite members and partners to stay engaged and join us as we build on this momentum throughout the year and beyond.



Angelantoni Test Technologies is a global leader in environmental simulation, delivering advanced testing solutions that support the development, qualification and validation of cutting-edge technologies across multiple industrial sectors.

Our expertise in space testing began in 1988 with the development of the first ACS Thermal Vacuum Chamber. Since then, we have become one of the world's leading manufacturers of Thermal Vacuum Chambers, partnering with major space agencies, research institutions and aerospace companies to qualify hardware ranging from individual components to complete satellites and spacecraft.



Our technologies have supported strategic international space programs with tailor-made solutions for the most demanding testing requirements. Our portfolio includes compact Thermal Vacuum Chambers for CubeSats, microsatellites and sensitive payloads, as well as large-scale facilities for spacecraft qualification. Today, ACS Thermal Vacuum Chambers operate at leading organizations worldwide, including ESA, Leonardo, RAL Space, Airbus, Thales, KAI and NSPO.





Advancing Human Exploration

Axiom Space is building a next-generation spacesuit – the Axiom Extravehicular Mobility Unit (AxEMU) for NASA's Artemis IV mission, returning humanity back to the lunar surface for the first time in more than 50 years.

At IAC 2024, Axiom Space and Prada unveiled the AxEMU's outer layer, where Prada's design and product development helped deliver a suit exterior built to withstand the thermal extremes and micrometeoroid environment of the lunar South Pole. Deepening the partnership, this summer Axiom Space and Prada announced their collaboration on the Liquid Cooling and Ventilation Garment (LCVG): moving from the suit's outermost protective shell to the layer worn closest to the astronaut's body, where thermal regulation, comfort and reliability are critical.



The Axiom Space team continues to prepare the suit for Artemis lunar missions having completed numerous tests of the AxEMU, including the first uncrewed thermal vacuum test of the pressure garment assembly; accumulated over 1250 hours of crewed pressurized time; and delivered hundreds of critical design review products for the Artemis mission. This year, the AxEMU will complete another milestone, the critical design review. Looking ahead, the spacesuit is on track to fly aboard the International Space Station in 2027 as part of ongoing hardware verification activities.

Additionally, NASA asked Axiom Space to conduct a special study of a "Sortie" configuration of the AxEMU spacesuit, tailored to the needs of earlier Artemis missions. That work is underway through an existing xEVAS contract. The full-capability lunar suit, the AxEMU, continues to mature in parallel, supporting longer-duration, more complex surface operations planned for later Artemis missions.

The AxEMU will be ready to meet the challenges of the lunar south pole, enabling the foundation for a future settlement on the Moon.

Axiom Space wins Fifth Human Spaceflight Mission to the Space Station

Axiom Space won its fifth private astronaut mission (PAM) to the International Space Station. The NASA-awarded mission is the company's fifth consecutive PAM. Axiom Mission 5 (Ax-5) is targeted to launch in 2027 from NASA's Kennedy Space Center in Florida and is expected to spend up to 14 days docked to the space station.

All four previous missions have enabled the research community to deploy science in space to benefit Earth for all humankind.



Building a Foundation for the Future

Axiom Space is building Axiom Station, successor to the International Space Station, a commercial space station that will enable human space exploration post-ISS – from manufacturing and research proliferation to testing systems for long-term lunar presence and Mars missions – without a gap in operations.

Progress continues on the first two modules of Axiom Station at Thales Alenia Space in Italy. The first module is planned to launch in 2028.





SPACE Academy of Azercosmos Joins the International Space Education Board

Azercosmos' SPACE Academy has joined the International Space Education Board (ISEB) following a unanimous vote by ISEB member space agencies.

The ISEB promotes international cooperation in space education, strengthens STEM literacy, and supports the development of the future workforce required by the global space sector. Its members include leading space agencies and educational organizations from around the world.



Membership in the ISEB marks an important milestone for Azerbaijan's growing space ecosystem and reflects international recognition of the country's achievements in space education and human capital development.

As Azerbaijan's national platform for space education, SPACE Academy works to inspire young people, develop future space professionals, and connect education with science, engineering, and innovation. Through educational programs, competitions, practical training, and international partnerships, the Academy creates opportunities for students, educators, and young professionals to engage with the space sector.

As a member of the ISEB, SPACE Academy will exchange expertise and best practices with international partners, contribute to joint educational initiatives, and expand opportunities for Azerbaijani students to participate in global space programs.

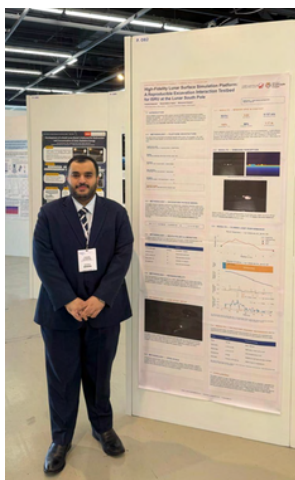
The membership further reinforces Azercosmos' commitment to developing a skilled, inclusive, and internationally connected workforce for the future of the space industry.



Bahrain Space Agency (BSA) has participated in the Global MilSatCom Conference 2026 held in London. CEO, Dr. Mohamed Al-Aseeri delivered a keynote address during the Space Technologies session entitled "Harnessing Space Technology for Governance, Monitoring, and Addressing Emerging Challenges," presenting Bahrain's vision for leveraging space technologies to support sustainable development and national security, while highlighting the Kingdom's ambitious national space initiatives. Eng. Aysha Alharam also participated as a panelist in the session "Contested Frontiers: The Militarisation of Space and Future Battlespaces".



BSA's Eng. Yaqoob Alqassab participated in the 46th COSPAR Scientific Assembly held in Florence with 2 research papers. BSA will also participate with 2 research papers in the SPIE Sensors + Imaging 2026 symposium taking place in Edinburgh, UK.



As part of its participation in Youth City 2030, BSA delivered 11 specialized training programs for various age groups introducing space science, space technologies, and their future applications, in addition to an interactive booth featuring numerous engaging activities. BSA also organized the Moon Habitat Hackathon, in collaboration with the Ministry of Youth Affairs and AlKhalifia's Foundation, where participants developed concepts for a sustainable lunar habitat capable of supporting human life.



BSA's Eng. Aysha Aljawder participated in the 4th Space Technology and Geospatial Forum held in Dubai as a panelist in the session "From Smart Earth to Space Frontiers Geospatial Intelligence and Space Innovation Driving the Next Digital Revolution", and presented a presentation titled "From Pixels to Insights: Multi-Sector Earth Observation (EO) Analytics for Enhanced Decision-Making".



In the first half of 2026, the Brazilian Space Agency (AEB) kept up its push to expand Brazil's footprint in international space governance. AEB took part in the BRICS Heads of Space Agencies Meeting (HOSA) in Bengaluru, India, joining representatives from all eleven member nations to collaborate around the theme of building resilience, innovation, cooperation, and sustainability.

At the summit, AEB President Marco Antonio Chamon presented Brazil's achievements during its 2025 BRICS presidency and outlined the Agency's priorities for 2026, highlighting space sustainability and domestic governance mechanisms to enable sustainable, debris-free space missions. Discussions also focused on expanding the BRICS Virtual Constellation of Remote Sensing Satellites to include the new BRICS members and advancing the establishment of the BRICS Space Council.

AEB also joined the Brazilian delegation at the 69th Session of the United Nations Committee on the Peaceful Uses of Outer Space (COPUOS), held in Vienna, Austria. Delegates tackled heavy-hitting topics like space law, long-term mission sustainability, and cross-border cooperation.

For Brazil's part, the team spotlighted updates to the country's legal frameworks, a surge in commercial launch business out of the Alcântara Space Center, and fresh investments in workforce training.

On the sidelines of COPUOS, AEB strengthened partnerships through bilateral meetings with international counterparts and showcased Brazil's growing space sector through the exhibition "Brazil: Catalysing the Future Space Economy". These initiatives reaffirm AEB's commitment to international cooperation and to the peaceful and sustainable use of outer space.



Switzerland's Bid for IAC 2029 in Geneva: Celebrating Space, Building Trust

As the IAF approaches its 75th anniversary, Switzerland is proud to have submitted its candidacy to host IAC 2029 in Geneva under the theme "Celebrating Space, Building Trust." Our vision extends beyond delivering an outstanding congress. We aim to create a long-term legacy that strengthens responsible international dialogue and highlights the societal benefits of space. As a global center for diplomacy and multilateral cooperation, Geneva provides a unique platform to advance discussions on responsible innovation, sustainability, and the future of trustworthy space activities.

Hosting IAC 2029 in Geneva would reinforce the IAF's commitment to sustainable event practices and contribute to a more responsible global space ecosystem. Guided by the IAF's 3G+ values, Geneva offers a welcoming and inclusive environment for all participants. Accessible public transportation, inclusive hospitality services, and socially responsible restaurants help ensure an unforgettable experience.



Beyond the congress, Geneva offers a stimulating intellectual and cultural setting. Participants benefit from proximity to leading universities, research centers, and innovation hub, supporting Swiss leadership in global space missions.

In an affordable stay you can explore world-renowned museums, vibrant cultural scenes, year-round events, the shores of Lake Geneva, and nearby Alpine landscapes. Geneva is also one of the world's most gastronomically diverse cities, offering numerous global cuisines alongside celebrated Swiss culinary traditions.

IAC 2029 in Geneva would celebrate 80 years of international space cooperation while inspiring collaboration, fostering trust, and creating a lasting impact for the global space community.



Trusted in Space, Essential on Earth

On 19 June 1986, EUMETSAT's Convention entered into force, officially establishing the organisation. Forty years later, EUMETSAT has become a cornerstone of Europe's operational Earth observation system, providing vital satellite data for weather forecasting, climate monitoring and environmental decision-making to its 30 Member States and users worldwide.

EUMETSAT was established to secure Europe's independent access to meteorological satellite observations and quickly assumed responsibility for Europe's Meteosat programme from ESA. Today, around 1,300 staff and contractors operate complex satellite systems in geostationary and polar orbits, reflecting decades of technical development and sustained Member State commitment.



Celebrating 40 years. EUMETSAT: Trusted in Space, Essential on Earth

Continuous, high-quality satellite observations are central to modern numerical weather prediction and help safeguard lives, property and critical infrastructure. They improve forecasts and early warnings for extreme events including storms, floods and heatwaves, delivering substantial societal benefits.

EUMETSAT has also developed into a global organisation, working with the WMO, ESA and meteorological services across North America, Asia and Africa. Partnerships, particularly with African countries, support global data exchange, operational resilience, training and stronger weather and climate services. Its distributed network of Satellite Application Facilities, hosted by Member States, combines specialist expertise to develop advanced products for forecasting, nowcasting and climate monitoring.

As it enters its fifth decade, EUMETSAT operates a sophisticated fleet of satellites and continues to expand its capabilities. It is actively renewing its geostationary Meteosat and polar-orbiting Metop systems, increasing its role in the European Union's Copernicus programme, and developing new initiatives such as the EPS-Sterna micro-satellite constellation, and advanced Earth observation missions.

Investments in cloud services, artificial intelligence and emerging technologies will further improve the processing and use of satellite data, reinforcing EUMETSAT's mission to provide trusted information for better forecasts, climate services and informed decision-making.



EUMETSAT staff and contractors in 2026



Space Generation: Apparel for Space Brands

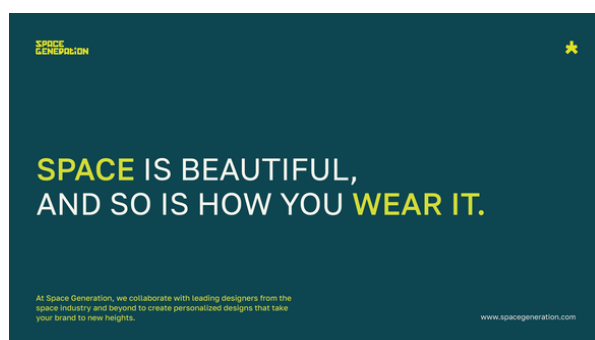
Custom apparel for companies that want their brand noticed and their teams proud to wear it

Space Generation is an apparel brand for space companies that want their brand noticed and their people proud to represent it. Instead of generic promotional merch, clients get collections built around their own identity: the kind of pieces employees, partners and customers actually keep and wear.

Every item is designed in-house and made to a high standard in organic cotton. Space Generation runs the whole process, from the first idea through design, production and delivery, for companies, agencies, associations and student teams. Current lines include the Artemis and Age of the Moon collections, Poland in Space, and a dedicated IAC 2027 Collection.

It fits wherever a space company wants to make an impression: gift boxes that make investor and partner meetings land, welcome sets that give new hires a real sense of belonging, and merchandise that draws people to your stand at a congress or trade show.

Space Generation is a joint venture between the European Space Foundation from Poland and the Spanish design studio ODIS. See what your brand could look like at www.spacegeneration.com.



Advancing Europe's Success in Space

2026 marks an exciting new chapter for CS GROUP, a subsidiary of Sopra Steria.

Building on the successful integration of HE Space and the recent addition of Starion, CS GROUP is strengthening its position as a leading European partner for space engineering, digital technology and mission-critical solutions.



Together, CS GROUP, HE Space and Starion combine complementary capabilities spanning the full life cycle of civil, defence and commercial space missions. From talent and consultancy to engineering, software, operations and cybersecurity, CS GROUP now supports Europe's space ecosystem with end-to-end expertise that transforms ambition into mission success.

CS GROUP delivers mission-critical systems and advanced software that enable safer, smarter and more efficient space operations. Its expertise spans flight operations, space data intelligence and space engineering. HE Space has connected exceptional talent with Europe's leading space programmes, providing managed services and highly skilled professionals across engineering, science, software, operations and administration. Starion contributes extensive expertise in system engineering, mission operations, digital engineering and cybersecurity, helping strengthen resilient and sovereign European space capabilities.

Together, these capabilities create one of Europe's most comprehensive space offerings by bringing together leading expertise in people, engineering, software and mission-critical solutions.

Looking for a trusted European space partner?

Visit us at Stand 1G-12 to discover how our end-to-end capabilities can accelerate your objectives.

Ready for your next career move?

Meet our recruiters at Stand 1G-12 or join us at the **IAF Career Forum on 6 October** to explore opportunities across Europe's most ambitious space programmes.

Visit us at Stand 1G-12.



The International Association for the Advancement of Space Safety (IAASS) hosts its 14th international conference from October 20 to 22, 2026, in Antibes, France, under the theme "Together for a Safe Space Frontier." Major topics of discussion will include launch and re-entry safety, space safety governance, space debris mitigation, nuclear systems safety, space traffic coordination, and human spaceflight.

Some examples of the concerns the conference will try to address: Launches and re-entries are growing explosively. Can the space community keep controlling per-event risk at current level while cumulative risk keeps climbing? Can we keep addressing global space mission risk through unilateral actions alone? Debris in orbit keeps accumulating even though the technology to remove the riskiest objects already exists. Is the missing ingredient political will rather than capability? Plans for nuclear reactors on the Moon raise pointed questions too. Since no state can appropriate lunar material, who has responsibility for removing a reactor once its mission ends? Space traffic coordination faces a similar gap: can it truly work with operators just exchanging data without agreed-upon international rules? As commercial human spaceflight expands, can the industry mature safely while a legislative moratorium keeps the United States from regulating human-on-board safety? Finally, can AI make space missions safer or will it introduce new risks?

For more details on the conference program and registration information, visit <https://www.iaassconference2026.org/>



From Understanding to Access: Indonesia's Journey Toward Equatorial Space Access

Indonesia's journey toward equatorial space access is rooted in decades of scientific research. Situated along the equator, the country has long investigated the unique characteristics of the atmosphere and ionosphere while advancing capabilities in satellite communications, high-frequency radio propagation, and space technology.

This sustained scientific foundation now supports Indonesia's long-term efforts to strengthen its national space capabilities and future access to space.



Figure. Indonesia's equatorial geography provides multiple candidate locations for future national spaceport development while supporting existing scientific launch activities.

Indonesia's unique geographic position as the world's largest archipelagic nation spanning the equator provides exceptional opportunities for developing future launch capabilities. Building on its scientific foundation, Indonesia has undertaken technical assessments of several promising locations for a future national spaceport, including Biak island, and Morotai island. These evaluations consider geographic advantages, orbital accessibility, operational safety, environmental conditions, and long-term feasibility. Together, these candidate locations demonstrate how Indonesia's geography provides flexibility in identifying suitable sites for future spaceport development. Indonesia also maintains a rocket launching site in Pameungpeuk on the southern coast of West Java, which has long supported scientific research and technology development.

As Indonesia enters the next phase of its national space program, preparations for future equatorial launch capabilities are planned to begin in 2027, while the formal designation of a national spaceport location remains under government consideration.

Looking ahead, additional suitable locations may also contribute to the broader development of Indonesia's space sector, including launch operations, satellite industries, and supporting technologies. This journey highlights the importance of long-term scientific research, technological development, and international collaboration in building the foundation for future space capabilities. As Indonesia continues its efforts toward equatorial space access, these elements will remain central to the country's contribution to the peaceful and sustainable use of outer space. (VD/USP/ESA)



The International Lunar Observatory Association (ILOA Hawai'i) team recently convened in Wenchang alongside their collaborators from the University of Hong Kong's Laboratory for Space Research (HKU-LSR) to finalize coordination for the **ILO-C payload** integrated onto the Chang'e-7 lunar lander.

While global space enthusiasts were disappointed by the decision to postpone the launch of the mission, the trip proved to be highly productive.



The teams participated in an **international payloads workshop** that brought together various global space organizations contributing to the mission. During the workshop, ILOA President Elisa Perednia and HKU Professor Emeritus Dr. Quentin Parker were able to provide a comprehensive overview of the ILO-C payload—a small, wide-field optical telescope designed to pioneer 21st-century astronomy directly from the surface of the Moon.

Dr. Suijian Xue, Dr. Parker, and Ms. Perednia were also interviewed by CGTN to highlight the international endeavors driving the ILO-C mission, which stands out as a profound bridge of peaceful international cooperation.



On behalf of ILOA, it was a pleasure meeting the international payload teams involved in the Chang'e-7 mission. We extend our deepest gratitude to everyone at CNSA, DSEL, and LESEC for making this collaboration possible.

Please follow [ILOA on X](#), and visit our [website](#) for updates on the **ILO-C** and **ILO-1 missions**, Mahalo!



KAI is leading ROK's 6G LEO SATCOM Program

Korea Aerospace Industries, LTD. (KAI) is participating in the KASA's 6G LEO Satellite Communication Program, a national initiative aimed at securing Korea's independent capabilities in next-generation satellite communications.

Under the program, KAI is leading the development and system integration of LEO communication satellites, including the satellite bus and the integration of communication payloads. The program aims to demonstrate key technologies for 6G satellite communications and establish the technological foundation for Korea's first sovereign LEO satellite communications system.

This program will also provide a strategic foundation for future 6G connectivity and the broader development of Korea's SATCOM systems. Two sets of developed satellites will be launched in 2030.



Figure 1. 6G LEO SATCOM (Source: KAI)

KAI expands Satellite Communications from Earth orbit to the Moon

KAI is also expanding its satellite capabilities beyond Earth orbit through KASA's Lunar Communication and Navigation Satellite Program. KAI is conducting a conceptual design study for a lunar-orbit satellite designed to provide communication and navigation services between the Earth and the Moon.

Lunar exploration is emerging as a key means of securing strategic national assets, developing space resources, and establishing a forward base for deep-space exploration. Through this program, KAI will conduct mission analysis, define the CONOPS, establish mission and system requirements, and develop the preliminary satellite system architecture, laying the technological foundation for reliable communication and navigation services in lunar orbit.



Figure 2. Lunar Economy Concept (Source : NASA)



The **Moon Village Association (MVA)** continues to advance international collaboration, outreach and sustainable development for the future of lunar exploration.

A key highlight this summer was **International Moon Day (IMD) 2026**, with the Main Event held on 20 July at Maloka Museo Interactivo in Bogotá, Colombia. The global celebration continues, with organizations worldwide invited to organize **IMD Global Events until 31 October 2026**. Events can still be submitted, including those that have already taken place. More information and registration are available at <https://internationalmoonday.org/host-an-imd-global-event/>



The **10th Global Moon Village Workshop & Symposium** will take place in Bangkok, Thailand, on 26–27 October 2026, hosted by the **Geo-Informatics and Space Technology Development Agency (GISTDA)**, and co-located with Thailand Space Expo and APRSAF 2026. Registration and Call for Presentations are open and the preliminary program is now available. The event will bring together representatives from multiple space agencies, industry and international organizations, including UNOOSA, JAXA, the Australian Space Agency, the U.S. Department of State, DSEL and UN-COPUOS ATLAS, among others. More information: <https://moonvillageassociation.org/mva2026/>



MVA has also opened the **Call for Proposals** for the **11th Global Moon Village Workshop & Symposium**, inviting organizations interested in hosting the 2027 edition to submit their proposals. More information: <https://moonvillageassociation.org/host-mva2027/>

Finally, September will mark an important milestone for the **Moon Village Centers (MVC)** initiative, with the launch of the first two MVCs in China and Bulgaria, further expanding MVA's global network for research, education and public engagement. Proposals remain open at: <https://moonvillageassociation.org/call-for-moon-village-centers/>



Omspace Advances India's Reusable Orbital Infrastructure

Omspace Rocket & Exploration Pvt. Ltd., an IAF member based in Ahmedabad, India, is accelerating the development of low-cost, high-frequency access to Low Earth Orbit (LEO).

Following the successful static fire testing of its proprietary solid rocket motor and ignitor systems, Omspace achieved a major milestone by successfully launching Gujarat's first domestic sounding rocket from Dholera. The suborbital flight validated Omspace's indigenous carbon fiber airframe, custom avionics, and dual-parachute recovery mechanism under real-world conditions.

These flight tests serve as essential technical validation for Omspace's flagship vehicle, Infinity One—a 22.5-meter reusable small satellite launch vehicle designed to deliver 150 kg payloads to LEO. Powered by India's first fully cryogenic liquid propulsion engine running on Bio-Methane and Liquid Oxygen (LOX), Infinity One targets a 48-hour relaunch turnaround time and up to an 80% reduction in launch costs compared to legacy systems.

To support commercial scaling, Omspace recently secured 200 acres to establish its GIDC R&D facility and global corporate headquarters, known as "Omspace Gigafactory," while expanding its technical workforce to include over 50 aerospace professionals. Omspace also showcased its commercial roadmap internationally at SPEXA 2026 in Tokyo, establishing strategic partnerships across the global space ecosystem. Omspace will also be showcasing at the International Astronautical Congress 2026 in Antalya, Türkiye, in October.

Through vertically integrated manufacturing and sustainable propulsion, Omspace continues to build the infrastructure for the next generation of the global satellite economy.



PolyU Fosters Aerospace Innovation and Cultural Engagement in the Greater Bay Area

The Hong Kong Polytechnic University (PolyU) is proud to share its latest milestones in advancing aerospace innovation, global education, and cross-disciplinary collaboration within the international community.

In April, PolyU co-organised the 2026 China Space Conference “Flying to Deep Space-International Forum” alongside the Chinese Society of Astronautics (CSA) and the IAF. Marking the first time this prestigious conference was held in Hong Kong, the forum gathered over 500 global experts to discuss cutting-edge R&D, international collaboration, and industry integration. A significant highlight was the official inauguration of the Hong Kong Aerospace Technology Alliance, aimed at connecting the supply chain and accelerating the commercialisation of space research outcomes.



Building on this momentum, PolyU partnered with the Deep Space Exploration Lab (DSEL) to launch the First National Deep Space Cultural and Creative Promotional Event, themed “Dreaming of Deep Space, Sharing the Future.” Seamlessly blending aerospace science with the arts, the initiative attracted over 600 nationwide submissions. The event concluded in June with an inspiring award ceremony, expert panels, and a campus exhibition showcasing prototypes from China’s lunar and Mars missions, successfully turning complex aerospace concepts into highly engaging public cultural experiences.



Through its active contributions to key national deep space missions like Chang'e and Tianwen, alongside the establishment of the PolyU Aerospace Research Academy (PARA), PolyU remains deeply dedicated to nurturing the next generation of space talent and reinforcing the global aerospace ecosystem.



Leading the Israeli Pavilion at Space Tech Expo Europe 2026

Rakia is a public benefit corporation dedicated to advancing Israel's space ecosystem through human spaceflight, international collaboration, and public engagement. Through initiatives such as Space Campus IL, Israel's national student space community, and the Israel Space Forum, which connects industry, government, and academia, Rakia works to build a cohesive and forward-looking space ecosystem.

This November, Rakia is proud to lead the official Israeli Pavilion at Space Tech Expo Europe 2026 in Bremen - the first national Israeli delegation to the exhibition.



The Israeli Pavilion and delegation will bring together leading organizations and companies from across Israel's space ecosystem, including the Israel Space Agency, Israel Aerospace Industries, Elbit Systems, Rafael Advanced Defense Systems, Elmo Motion Control, hiSky, KAYA Vision, Kratos General Microwave Israel, NOVELSAT-AYECKA, Orbit Communication Systems, PCB Technologies, SCD – SemiConductor Devices, Sim Dot Space, SURON ACA, and other innovative companies representing the breadth of Israel's space ecosystem.



We warmly invite the global space community to visit the Israeli Pavilion, meet the delegation, and explore opportunities for collaboration. Meetings with participating companies can be arranged throughout the exhibition. Learn more about the Israeli delegation, participating companies, and planned activities on the official delegation website:

<https://israelspaceforum.com/space-tech-expo/>



Elie Carafoli at 125: A Legacy for Aerospace

On 15 September 2026, the Romanian Academy marked the 125th anniversary of Academician Elie Carafoli (1901-1983), one of the architects of modern Romanian aeronautics.

Organized by its Section of Technical Sciences and Romanian Committee for the History and Philosophy of Science and Technology, the session was coordinated by Gen. (Ret.) Dr. Eng. Dumitru-Dorin Prunariu, Honorary Member of the Romanian Academy.



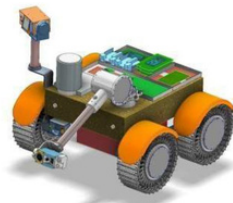
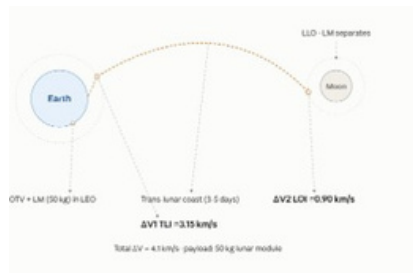
The programme highlighted a career that connected theoretical aerodynamics, experimental research, aircraft design, and industrial production. Carafoli earned his doctorate at the Sorbonne and pursued advanced research at the Saint-Cyr Aerotechnical Institute. His achievements included methods for designing aerodynamic profiles with rounded trailing edges, the Toussaint-Carafoli hydrodynamic tank, Romania's first continuous subsonic wind tunnel, work on conical flows and wing theory, and studies of cruciform wings and lateral jets. His aircraft designs helped Romania advance from prototypes to series production, notably through the IAR-14.

Carafoli's international standing was consolidated by Wing Theory in Supersonic Flow, published by Pergamon Press in 1969. Today, Romania's National Institute for Aerospace Research, INCAS, bears his name. Combining historical evidence, personal testimony, and contemporary scientific perspectives, the session showed why his legacy remains relevant: aerospace progress depends on sustained links between fundamental science, experimental infrastructure, engineering applications, and international collaboration. For the IAF 2026 community, the commemoration reiterated that preserving scientific heritage is an investment in innovation, institutional continuity, and future generations of aerospace engineers.



This quarter, RSAT continues to advance its position at the frontier of space infrastructure — deepening strategic partnerships, validating flight-critical technology, and preparing for our most ambitious undertaking yet: a private mission to the Moon. We're pleased to share our latest progress with partners, customers, and collaborators across the global space community.

RSAT is proud to announce Mission to Moon, our forthcoming private lunar mission and the most significant milestone in our company's history. The mission represents a major step forward in RSAT's roadmap toward reliable, commercially driven access to cislunar space, and reflects our commitment to building the infrastructure that will support the next generation of lunar exploration and commerce.

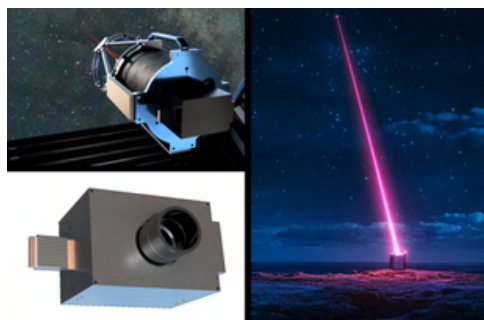


Mission to Moon is currently in active development, and we are opening the door to organizations who share our vision. We are inviting companies across the space value chain — launch providers, payload developers, ground systems operators, and technology partners — to explore collaboration opportunities on this mission.

Areas Open for Collaboration

- Hosted-payload opportunities
- Ground segment and mission operations support
- Launch and logistics partnerships
- Scientific and commercial research collaborations

RSAT's Laser Communication Terminal (LCT) program continues to progress as a cornerstone of our optical communications strategy. Designed to deliver high-bandwidth, low-latency links for satellite-to-satellite and satellite-to-ground communication, the terminal is a key enabler for the data-intensive missions RSAT supports — including Mission to Moon.



The Laser Communication Terminal is engineered to bring higher throughput and greater resilience to spacebased data links, supporting the growing demand for real-time data return from both Earth-orbiting and deepspace assets.

We are pleased to announce a new contract with Wargospace to advance joint development of our laser communications capability. This collaboration combines RSAT's terminal engineering with Wargospace's optical communications expertise, and marks an important step toward operational, scalable laser communication links for both organizations' customers.

RSAT is also pleased to highlight our ongoing collaboration with SPARC, which continues to strengthen our technical capabilities and broaden the reach of our programs. We look forward to sharing further milestones from this partnership in upcoming editions of this newsletter.



RSAT's growth is powered by collaboration. Whether you're interested in joining Mission to Moon, exploring our Laser Communication Terminal for your own program, or discussing a new partnership, we would welcome the conversation.

Get in Touch: Partnerships & Business Development

Email: info@rsatspace.com

Web: www.rsatspace.com



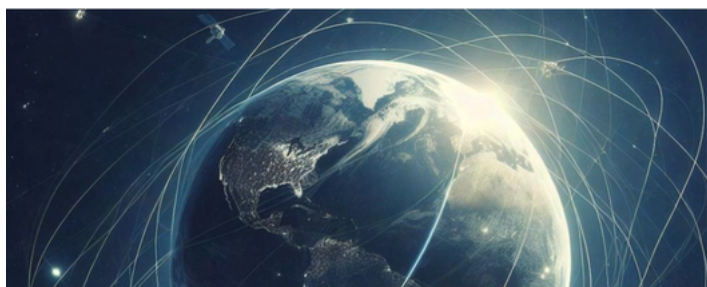
Safe On Orbit, a Brazilian deep tech specialized in Space Situational Awareness (SSA), stands out as the first company in South America exclusively dedicated to this field, focused on orbital monitoring and collision prevention between satellites.

With innovative technology and a strong focus on space safety, the company addresses one of the greatest challenges of the global space sector: ensuring the integrity of satellites in an increasingly congested orbital environment.

The problem is urgent: in 2025, the number of active satellites surpassed 10,000, and by 2030 this figure may triple. As space becomes more crowded, the probability of collisions rises, making orbital safety an increasingly critical challenge. Moreover, according to the European Space Agency (ESA), over 50,000 objects larger than 10 centimeters orbit the Earth at high velocity, posing a constant risk to operational satellites and new missions. Each collision — whether between satellites or with debris — can generate thousands of fragments and jeopardize entire orbital operations, as occurred in the collision between Iridium 33 and Cosmos 2251. Space does not expand; it congests.

To address this scenario, Safe On Orbit developed COSMOS (Collision Safety Management Orbital System), an advanced platform capable of predicting collision risks up to five days in advance and recommending safe and efficient avoidance maneuvers for satellite operators. The system uses continuously updated orbital data and delivers automated risk assessments, enhancing the predictability and safety of space operations. Recognized for its technological innovation, the startup was the first in Brazil's space sector to receive venture capital investment and, in 2025, achieved a significant milestone by becoming an official member of the International Astronautical Federation (IAF) — the world's largest organization dedicated to international cooperation and the advancement of the space sector.

With a focus on emerging countries, Safe On Orbit has been expanding cross-border partnerships to position Brazil as an international reference in orbital safety and sustainability, fostering a new culture of responsibility in the use of space and contributing to a safer future in orbit.

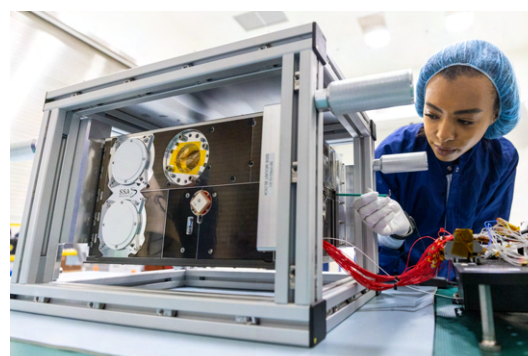


Saudi Arabia Becomes the First Arab Nation to Launch a Successful Mission within NASA's Artemis Program

The Saudi Space Agency (SSA) has successfully launched SHMS (Saudi HEO Magnetosphere Satellite), aboard NASA's Artemis II mission on the Space Launch System (SLS). With this achievement, Saudi Arabia becomes the first Arab nation to launch a successful mission within the Artemis program, marking a defining moment in the Kingdom's growing role in global space exploration and international scientific collaboration under Vision 2030.

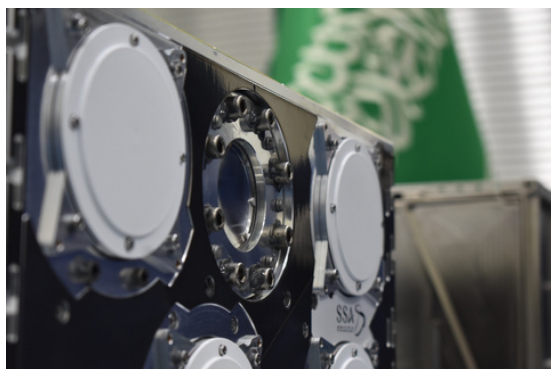


SHMS advances heliophysics research by monitoring how solar phenomena, including solar wind, coronal mass ejections, high-energy particles, and solar radiation, interact with Earth's magnetosphere and the near-Earth space environment. Its payload combines in-situ measurements of solar X-rays, solar energetic particles, total radiation dose, and Earth's magnetic field, enabling a comprehensive view of solar and terrestrial interaction. These observations will refine predictive models of geomagnetic storms and strengthen global early warning capabilities.



A defining feature of SHMS is its highly elliptical orbit (HEO), which allows the spacecraft to sample diverse space environments and observe evolving radiation and magnetic conditions across key magnetospheric boundaries, delivering scientific insights unavailable from lower orbits.

Beyond science, SHMS delivers tangible benefits to critical sectors. Improved space weather data will support satellite operations, aviation safety, navigation services, and power grid reliability, helping protect infrastructure and ensure continuity of essential services worldwide.



Learn more about the Saudi Space Agency's missions at https://ssa.gov.sa/SHMS_en

SCIENCE MUSEUM GROUP

Space Gallery, Science Museum

The Science Museum's free Space gallery brings together remarkable objects that celebrate the first space age as well as cutting-edge technology that represents the future of space exploration. Discover inspiring stories of human achievement in space travel and see incredible objects, including the Soyuz descent module that carried astronaut Tim Peake into space and back and the Apollo 10 command module which orbited the Moon in 1969.

To visit the Science Museum, book your free admission ticket here: <https://www.sciencemuseum.org.uk/visit>



Visitors in the Space gallery at the Science Museum © Science Museum Group



Sokol KV-2 rescue suit worn by Helen Sharman, 1991 - close-up © Science Museum Group



The SpaceLand consortium announces the opening of applications for its new inclusive zero-gravity program, building on the records set at NASA with flights for the world's youngest (Kim Marco Viberti) and oldest (Cesare Massano) participants and the first person with 100% physical disability (Elmas Schippa) to experience microgravity for STEM R&D also for research led by winners of the Nobel Prize. Such a pioneering initiative now expands to a broader audience, thanks to a price per seats one tenth of standard costs for weightless missions, offering a unique blend of scientific training, astronaut-level preparation and hands-on experimentation with innovative systems being developed by SpaceLand ICT experts to prevent Space Motion Sickness.

Candidates selected for the program will undergo psycho-physical operational training sessions coordinated at the SpaceLand Campus by Dr. Vladimir Pletser, former senior chief scientist at ESA, O-G flight veteran and now SpaceLand Director of Aerospace Flight Training.

Participants will be using professional astronaut protocols and engage with experimental payloads such as new biomed apparatus for microgravity environments.



On 23 September in Rimini, SpaceLand DG Doct. Carlo Viberti - frm Lead Engineer of the ESA Astronaut Activities Office and Chairman of the European Technologies on Space Station MIR - ISS Phase 1, internationally recognized as history-first private Cosmonaut-Engineer candidate - will officially present the program details together with Ministers from the State hosting the future SpaceLand SpacePole and with Architect Celeste Petraroli, former Lead Architect of the Milano-Cortina 2026 Olympic Games and now Mars Habitat designer & Managing Director of SpaceLand srl.

Their joint announcement will outline the scientific goals, international partnerships and opportunities for students, STEM communities and future aerospace professionals.

SpaceLand's mission is to democratize access to space-related experiences, ensuring that microgravity, Lunar-gravity and Mars-gravity STEM research and astronaut-style training become available to people of all ages and physical conditions at extremely low cost. Priority will be given to candidates proposing scientific projects or educational initiatives that enhance global outreach and societal impact. See also .. www.youtube.com/watch?v=ywHjSqZux2s. For applications, please email to Marketing@SpaceLand.it



Spacely Chile Strengthens Chile's Space Ecosystem

Spacely is proud to announce a major milestone in its journey: joining the National Space Consortium as a founding partner.

This initiative brings together—for the first time in Chile—domestic companies, international firms with a local presence, and universities, pooling capabilities, knowledge, innovation, and expertise to build a collaborative space ecosystem.

The initiative was convened by the Chilean Space Association (ACHIDE), which serves as the Consortium's Coordinating Secretariat, facilitating collaboration among members and promoting a shared vision for the development of space activities in Chile.

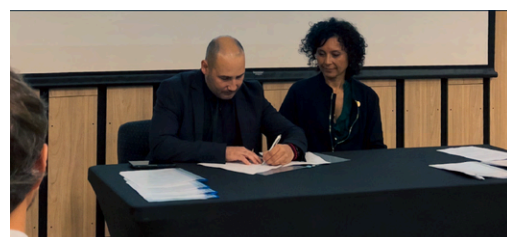


The creation of the Consortium represents a strategic step toward strengthening the national space industry, generating new cooperation opportunities, driving high-impact projects, and connecting Chilean capabilities with the international space ecosystem.

As a founding partner, Spacely contributes its expertise in space project management, strategic planning, capacity building, and the space economy, helping to link technology, industry, academia, and business opportunities.

This achievement reinforces our commitment to developing a competitive, innovative, and globally connected Chilean space industry.

From Chile, Spacely continues working to transform national capabilities into concrete opportunities for the global space economy.





SPiN - Space Products and Innovation: Accelerating Modular Satellite Manufacturing

With MA61C, its universal plug-and-play Command & Data Handling adapter, SPiN is transforming rigid production processes into modular, seamlessly integrated architectures with off-the-shelf components.

Designed to support 80% of commercial subsystem interfaces, MA61C enables interoperability across heterogeneous satellite architectures, from CubeSats to larger spacecraft. This modular approach reduces design costs by 50%, production costs by 30%, and integration time by up to 1 year.



Awarded for fostering international cooperation

SPiN received the Premio America Innovazione, awarded to 300 of the most promising Italian startups and innovative SMEs driving technological and entrepreneurial growth. The recognition highlights SPiN's commitment to fostering international cooperation through innovation, particularly between Italy and the U.S.

The award was celebrated at the Italian Chamber of Deputies in Rome, with SPiN's COO, Giulia Federico, representing the company.



Meet SPiN at IAC 2026 - Booth 2E-10

SPiN will take part in the **77th International Astronautical Congress in Antalya, Turkiye, from October 5–9, 2026**, connecting with the global space community.

Attendees are invited to visit booth 2E-10 to engage with Saish Sridharan, CTO, and Carlo Torcia, Head of Business Development & Sales. The team will display the MA61C adapter to show how SPiN is improving avionics modularity by lowering integration barriers, shortening development cycles, and supporting the rigorous scalability demands of modern space missions.



Website: <https://www.spinintech.com/>

LinkedIn: <https://www.linkedin.com/company/space-products-and-innovation/>



"Chaika Baltiki" team from SUAI is conquering the sky!

Students of Saint Petersburg State University of Aerospace Instrumentation (SUAI) presented their own rocketengineering project and took the third place in the All-Russian Aeronautical Engineering School Championship!



The championship lasts throughout the year and includes several stages: engineering and space session, selection and final. Participants from Russia and other countries have been developing and testing operating models of atmospheric vehicles, launch vehicles, airplanes and copters for a year, while simultaneously mastering team work and project management skills with a real engineering task.

The competitions were held in the following fields: "Apparatuses" and "Launch vehicles", during which the teams carried out demonstration launches. The best ones reached the final — those who passed a multi-stage selection during the year, as well as the winners and prize-winners of regional championships.

Comments from the participants of the championship:

"This is the second year we have been participating in the Aeronautical Engineering School Championship. During this time, our team has done a great job: every detail is constantly being upgraded and improved. We have developed our own launch system, control panel, and also created and launched more than 12 rockets. Behind all these results are hard work, perseverance, enthusiasm and a great desire to conquer the sky. There have been both successful launches and emergency launches along the way, but each new launch becomes a valuable experience for us. We are constantly working on improving the system to make it as reliable and safe as possible," -Ksenia Yakimova, captain of SUAI team.



Discover the Future of Space with TU Wien Academy

How will we live, work and innovate in the New Space Age? TU Wien Academy invites professionals and decision-makers to explore these questions through two inspiring compact programs.

Learning Journey Turin | November 5–7, 2026

Discover Turin as a dynamic hub of aerospace innovation. The three-day learning journey offers exclusive insights into Europe's space ecosystem, with visits to leading organisations including Thales Alenia Space, ALTEC, Argotec and Politecnico di Torino. Meet experts, explore cutting-edge technologies and gain first-hand insights into space entrepreneurship, research and innovation.

More Information

Space Architecture for the New Space Age | December 4–6, 2026

What will it take to create sustainable habitats on the Moon, Mars and beyond? This three-day program explores the future of human life in space at the intersection of architecture, technology, human factors and business. Expert lectures with former ESA astronaut Reinhold Ewald and former Senior Vice President of Blue Origin Brent Sherwood, case studies and interactive workshops provide participants with a comprehensive perspective on designing and planning for the next era of space exploration.



Application deadline: November 15, 2026 | [More Information](#)

Whether you are interested in the business and innovation potential of the space sector or the design of future habitats beyond Earth, these programs offer unique opportunities to expand your knowledge, connect with experts and gain new perspectives.

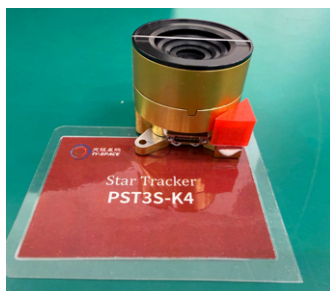
Explore the programs and join us in shaping the future of space.

Book your free, no-obligation consultation now



TY-Space Technology: PST3S-K4 Star Tracker Aboard Thailand's New CubeSat

Thailand's new Earth-observation CubeSat Lingzhi-09 (GISTDA CubeSat 1), developed by GalaxySpace, reached orbit on 25 August 2026. Its high-precision attitude determination is powered by the PST3S-K4 star tracker from TY-Space Technology (Beijing) Ltd., a pioneering star tracker manufacturer in China.



The PST3S-K4 delivers industry-leading miniaturization without compromising performance, with an ultra-compact stowed envelope of $40 \times 40 \times 34.6 \text{ mm}^3$, 60 g mass, 0.8 W power consumption, and arc-second-level attitude accuracy better than $5''$ (3σ). A core technical innovation is its orbit-deployable baffle mechanism. During launch, the baffle is held fully folded by fuse wires to minimize stowage volume. Upon orbital insertion, the wires burn through and release, allowing the baffle to deploy automatically. This purpose-built design significantly reduces launch volume, providing greater integration margin and enhanced design redundancy for resource-constrained nano-satellite and CubeSat platforms.



First orbit-validated in 2022, the PST3S-K4 has supported landmark missions including the 6.5 kg SJTU Siyuan-2 (ICUBE-Q) lunar nano-satellite for China's Chang'e-6 mission, fully verifying its reliability and adaptability in deep space. Backed by mature mass production capabilities, the product family continues to iterate. The PST3S-K4L, a 2026 upgraded variant with an optimized mechanical structure and additional mounting tabs for fastening the baffle's fuse wires, is now officially available, alongside the fixed-baffle PST3S-K4G to meet diverse mission requirements.

TY-Space will showcase the full PST3S-K4 portfolio at the **77th International Astronautical Congress (IAC 2026) in Antalya, Türkiye (5–9 October 2026)**.

For further information, visit www.ty-space.com.

Join World Space Week 2026: Celebrate the Rocket Revolution

World Space Week returns **4–10 October 2026**, bringing together the global space community for the world's largest global celebration of space. This year's theme, **"Rocket Revolution,"** highlights the transformation of launch technology and the expanding opportunities to build, launch, learn about, and engage with rockets.

Organizations across the space sector are invited to take part by organizing activities that connect their communities with space. Activities can include **model rocket launches, educational workshops, public talks, exhibitions, classroom activities, stargazing events, film screenings, industry open days, university programmes**, and other space-related events.



For 2026, World Space Week particularly encourages participants to organize safe rocket-related activities that bring the Rocket Revolution to life. A launch can be as ambitious as a model rocket event or as accessible as a paper, balloon, water, or stomp rocket activity. Space activities beyond rockets are equally welcome.

Once your plans are confirmed, add your event to the official World Space Week global map at www.worldspaceweek.org. Registering activities helps demonstrate the scale of participation worldwide and allows the public to discover World Space Week events taking place in their communities.

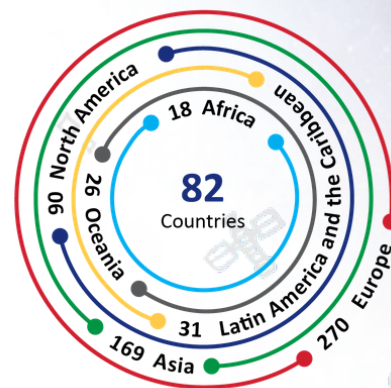
Space agencies, companies, universities, schools, museums, associations, clubs, and individuals can all participate.

Join the global space community this 4–10 October and make your activity part of World Space Week 2026.



INTERNATIONAL ASTRONAUTICAL FEDERATION

Join the world's
leading space
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OUR BENEFITS

NETWORKING

- Access a **global network** of potential business partners and meet decision makers
- Promote your organization to the **workforce of tomorrow**
- Attract and exchange with **students** and **young professionals** at our targeted events
- Interact with your peers in exclusive **IAF members lounges**
- Shape the space community by nominating an **IAF Bureau Member**

- **Promote your organization** on the IAF website, social media and the IAFastro app
- Reach more than **36,000 subscribers worldwide** through the **IAF Newsletter** and **Members' Corner**
- Gain visibility for your organization through the **IAF publications**
- Be included in all **IAF promotional materials**

VISIBILITY

RECOGNITION

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International Astronautical Federation