



14 - 18 OCTOBER 2024 MILAN - ITALY

ORGANIZED BY:



HOSTED BY:



CO-HOSTED BY:



FINAL PROGRAMME

RESPONSIBLE
SPACE FOR
SUSTAINABILITY

GENERAL INFO &
CONGRESS OVERVIEW

SUPPORTED BY:



IAC2024.ORG

SOLVING
PROBLEMS
IS A
MATTER OF
PERSPECTIVE

airbus.com



To ensure the world remains a beautiful place, we're helping place space at the heart of the global infrastructure that will help define the future. With space technologies that provide seamless connectivity, precision navigation, Earth observation and the utmost security, together we push the bounds of human knowledge. Follow our journey as we take the next great leaps forward to unite and protect our ever-evolving planet.

AIRBUS

AXIOM
SPACE



Building for Beyond

Axiom Space is guided by the vision to improve life on Earth and foster possibilities beyond it. The leading provider of missions to the International Space Station today while developing its successor, Axiom Station – the world's first commercial space station in low-Earth orbit, which will sustain human growth off the planet and bring untold benefits back home.

#BuildingForBeyond
axiomspace.com



Sustainable Space for a Sustainable Earth.



ptspace.pt



BOOST UK PROSPERITY | UNDERSTAND THE UNIVERSE | PROTECT OUR PLANET AND OUTER SPACE

Come and find us!

Stand MS-B05
South-North Wing
Level 0



Image: NASA, ESA, CSA, STScI; J. DePasquale, A. Koekemoer, A. Pagan [STScI]

VAST





- Chinese Society of Astronautics (CSA) was founded in 1979
- The most famous non-governmental space organization in China
- CSA's mission is to connect space people and promote international space cooperation



205

205 institutional members

47

47 technical committees

2

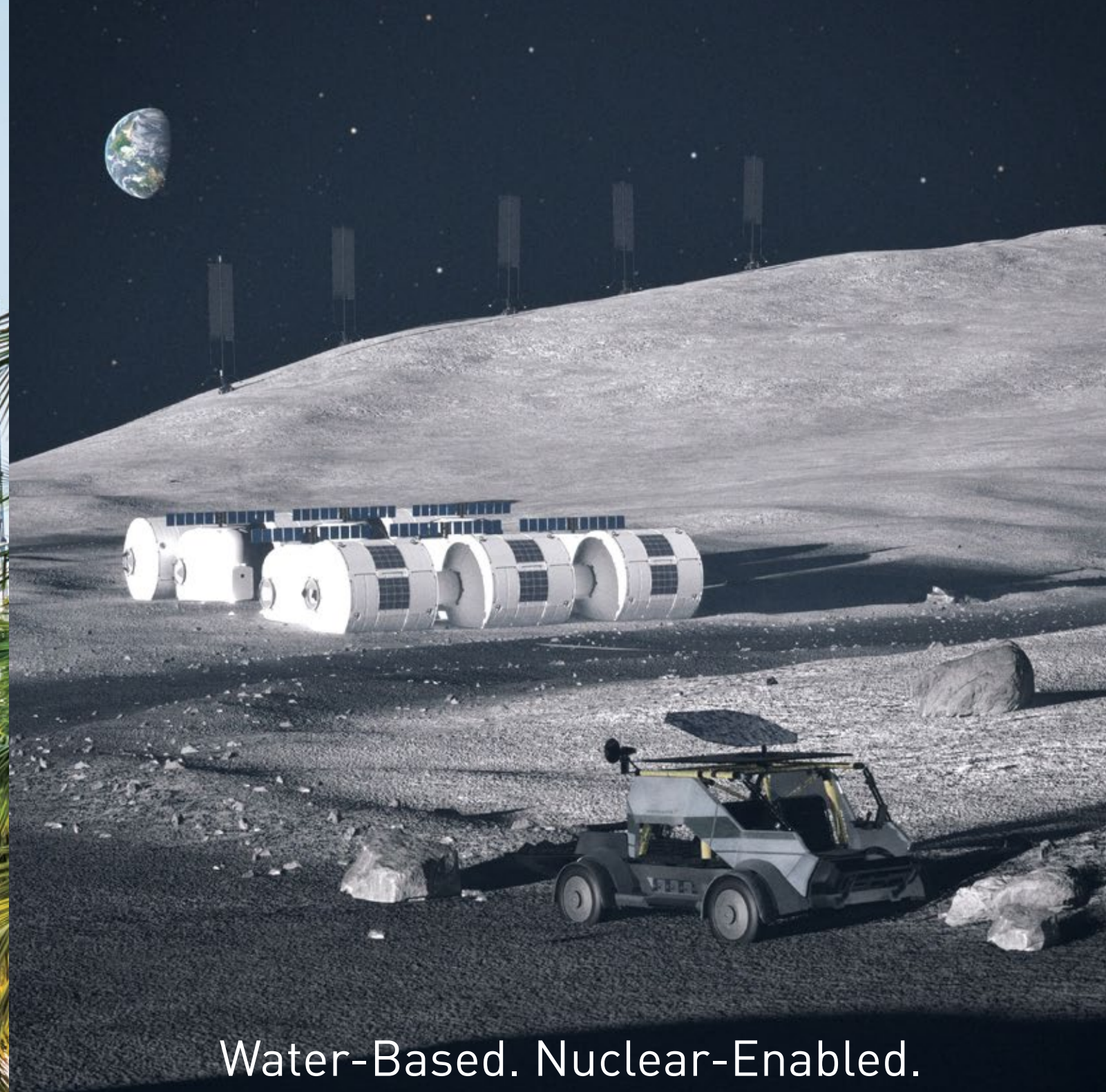
2 branches of international organizations

100000+

over 100,000 individual members



中国宇航学会
CHINESE SOCIETY OF ASTRONAUTICS



Water-Based. Nuclear-Enabled.
Commercially Invested.

Science fiction is becoming science fact. The reality of a permanent human presence on the Moon is closer than ever. At Lockheed Martin, we have a vision of a water-based lunar architecture that guides us to a sustainable future and enables humanity's next giant leap.



LOCKHEED MARTIN 

©2024 Lockheed Martin Corporation

IAC 25 76TH
INTERNATIONAL
ASTRONAUTICAL
CONGRESS
SYDNEY

29.SEP -
03.OCT.25

#IAC2025
IAC2025.ORG

SEE YOU IN SYDNEY, AUSTRALIA

PLAN YOUR TRIP DOWN UNDER
VISIT THE AUSTRALIA STAND

ORGANIZED BY

HOSTED BY



CO-HOSTED BY



SUPPORTED BY

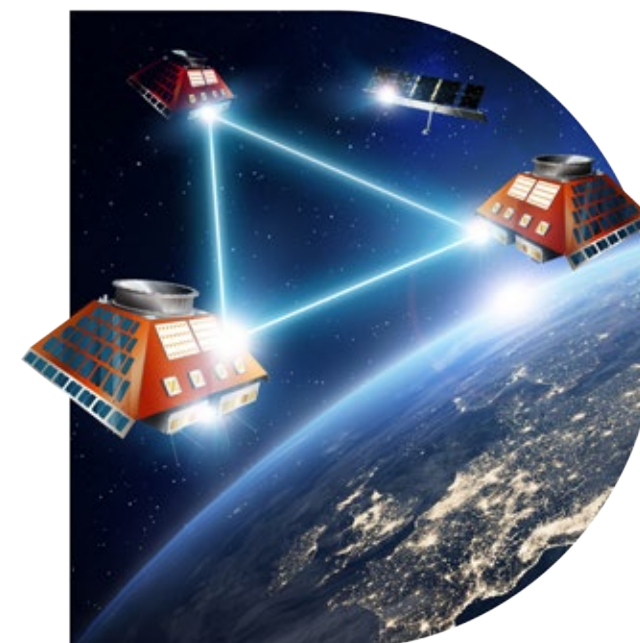


Innovation in space
for advantage on Earth

ISR Solutions
Software Defined Payloads
Data and Digital Insights

Visit our team of experts on
stand MN-C15

Digital
Intelligence



BAE SYSTEMS

Building humanity's
first home to explore
the moon and beyond.

That's Defining Possible.

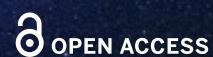
ngc.com/space

NORTHROP
GRUMMAN

© 2024 Northrop Grumman.

Space: Science & Technology

A SCIENCE PARTNER JOURNAL



spj.science.org/space

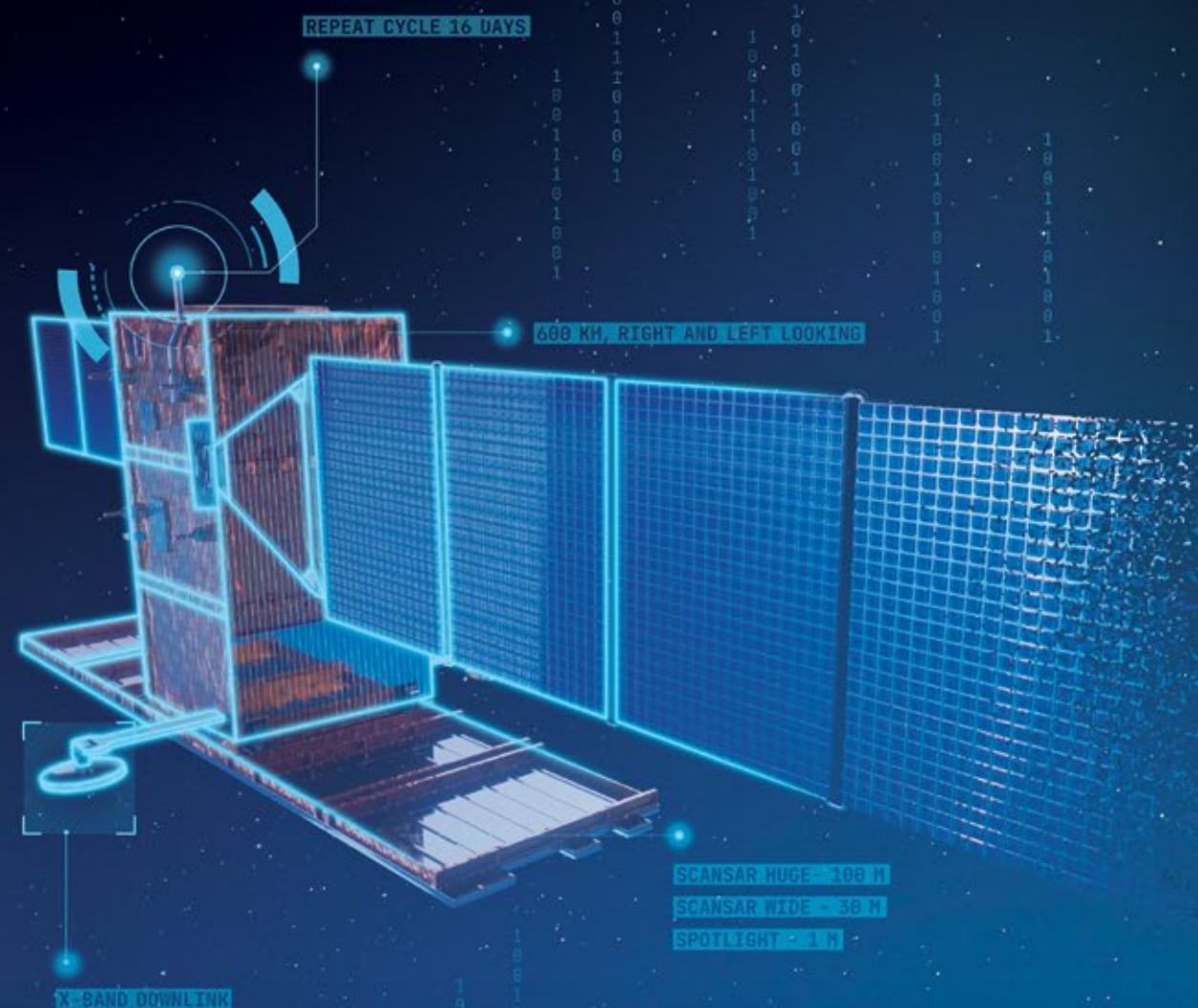
SPACE IT UP!

The Italian leading space partnership driving innovation in human and robotic space exploration, Earth observation, and planetary protection



www.spaceitup.it

TECHNOLOGY FOR A SAFER FUTURE

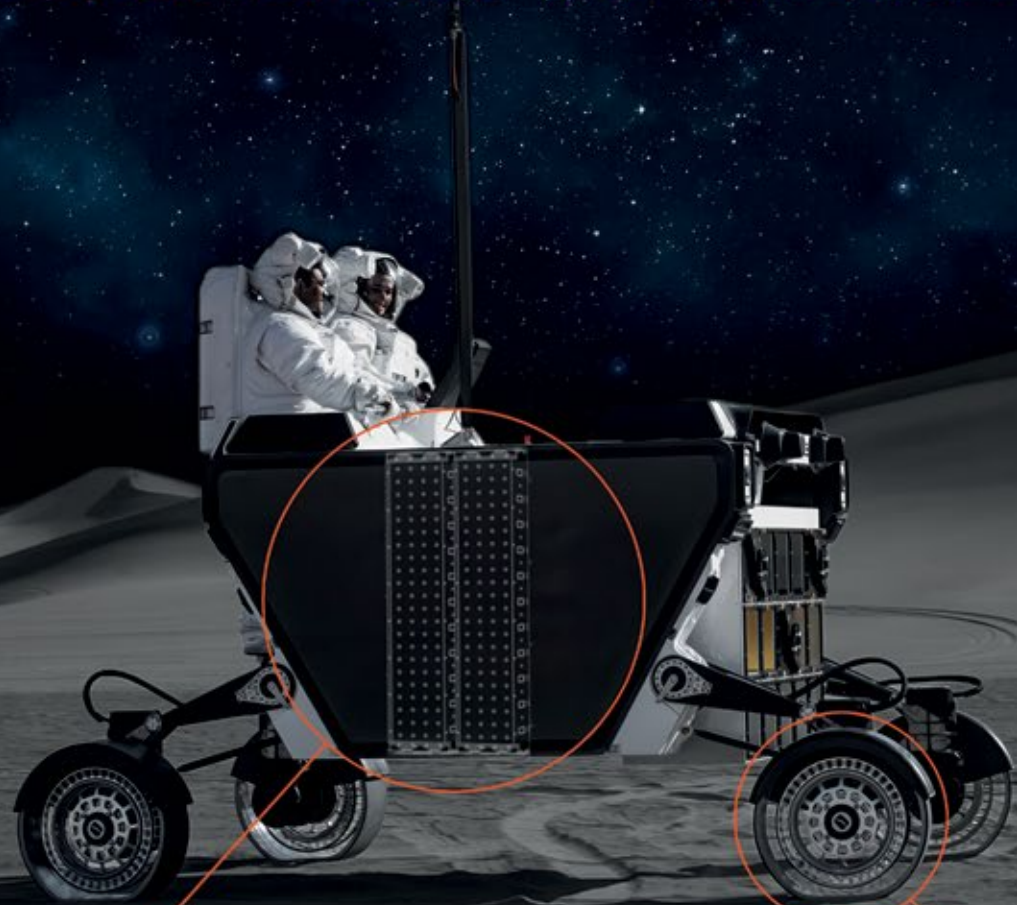


leonardo.com



VENTURI SPACE

2026: BACK TO THE MOON



Batteries & hyper-deformable wheels:
made by Venturi Space

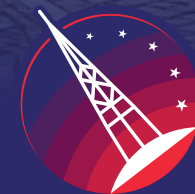


The Venturi Astrolab rover will be delivered to the Moon's South pole by SpaceX's Starship as soon as 2026. Its mission will be to conduct commercial operations, including the hosting and deployment of customer payloads on the lunar surface.

North wing, level 0



Venturi Space, strategic partner of **ASTROLAB**



**IAC 2027
POZNAN
POLAND**

Poznań, Poland

CANDIDATE HOST CITY FOR IAC 2027

Meet us at **BOOTH A13**
North Wing, Level 0

Join us for **HAPPY HOUR**
Tuesday 15th October, 1:30 pm



ENSURING A RESILIENT SPACE ENTERPRISE

The Aerospace Corporation leverages unmatched expertise to solve the most complex challenges associated with operating and innovating in the space domain, so you can develop new technologies, deploy real-time data, and drive exploration.

Explore Aerospace!



For more information, visit us at aerospace.org.



CSA

CSA LOOKS FORWARD TO MEET YOU AND COOPERATE WITH YOU THROUGH OUR BRAND ACTIVITIES



VISIT US AT BOOTH MS-D08



www.telepix.net

telePIX

EXTRACTING INSIGHTS FROM SPACE



ACADEMIC EVENTS



China Space Conference co-organized by CSA and IAF on April 24 each year

SPACE POPULARIZATION



Space Universities CubeSat Challenge co-organized CSA and IAF each year

PUBLICATION



Advances in Astronautics Science and Technology co-published by CSA and IAF

ACADEMIC RESEARCH



Annual Launch of Scientific and Technical Challenges in Astronautics



Reimagine your
space missions
with the leading
cloud.

Learn more



ORGANIZER:



HOST:



CO-HOST:



GLEX2025

GLOBAL SPACE EXPLORATION
CONFERENCE

7-9 May 2025

New Delhi, INDIA भारत

**SUBMIT YOUR
ABSTRACT BY
7 NOVEMBER 2024!**

GLEX2025.ORG

جناح الإمارات للفضاء
UAE SPACE
PAVILION



ABU DHABI — SPACE DEBATE — حوار أبوظبي — للفضاء

December 10 - 11, 2024
Abu Dhabi, United Arab Emirates

A GLOBAL DEBATE DEFINING THE FUTURE OF SPACE

A unique global platform that convenes visionary leaders from industry, government and academia to address the most pressing challenges and opportunities facing the space sector.

Over **1,000** attendees from **47** countries, including heads of state, ministers, heads of space agencies, space commands, NGOs, and industry leaders, joined the 2022 edition.

Be part of the change, register your interest of attendance by scanning the QR Code



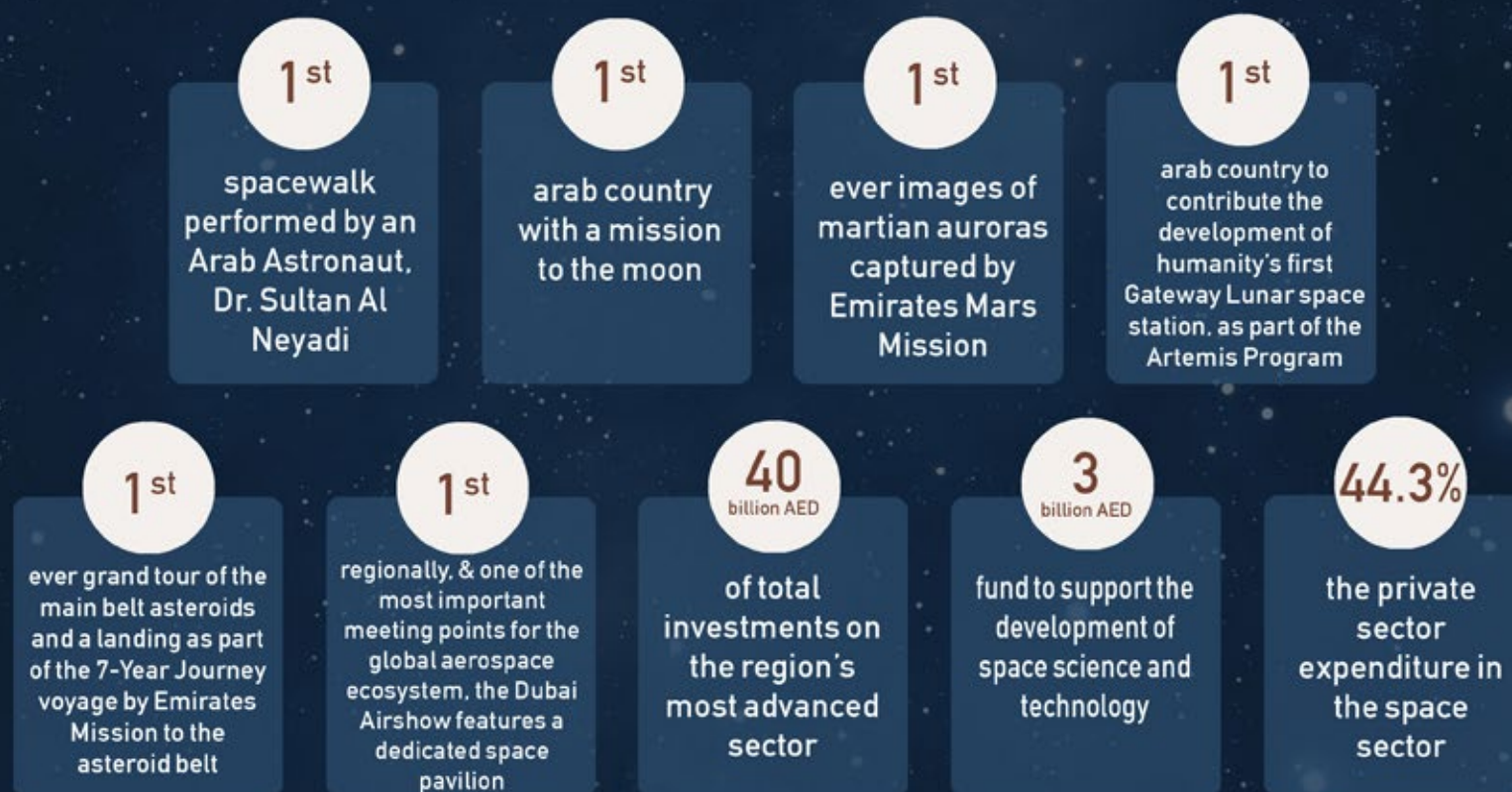
جناح الإمارات للفضاء
UAE SPACE
PAVILION



Explore the Future of Space at the UAE Space Pavilion!

Discover groundbreaking innovations and ambitious missions that will shape the future. Bringing together space pioneers and industry leaders to the first UAE Space Pavilion at the 75th International Astronautical Congress (IAC)

UAE SPACE IN NUMBERS



EXHIBITORS



مناطق الفضاء الاقتصادية
SPACE ECONOMIC ZONES

وكالة الإمارات للفضاء
UAE SPACE AGENCY



NSSTC
National Space Science & Technology Center



DUBAI
AIRSHOW



Don't miss the chance to witness the future of space exploration. Visit us at the UAE Space Pavilion and connect with space industry leaders and innovators!

For inquiries email us at uaespacepavilion@space.gov.ae



SPACE IS CLOSER

The experience, know-how, and international presence – with 6 facilities in Italy, France, United States, and French Guiana – allow Avio to excel in the fields of space launchers, solid, liquid, and cryogenic space propulsion, as well as defense propulsion. This makes Italy one of the few countries in the world capable of producing a complete space launcher.

>50 years
IN SPACE LAUNCHES

>1,3000
EMPLOYEES

44%
R&D

339 € Mln
REVENUE

>1.35 € Bln
ORDER BOOK

19%
ANNUAL GROWTH

VEGA
PRIME CONTRACTOR

ARIANE
PARTNER

LISTED ON THE
**EURONEXT STAR
SEGMENT**
OF THE ITALIAN STOCK
EXCHANGE SINCE 2017



avio.com



Agenzia Spaziale Italiana

ITALIAN SPACE AGENCY

ASI is currently among the top six space agencies in the world, a distinction that reflects Italy's prestigious role in the European and global space sector. Italy is one of the First Nations **to have launched a satellite** and the third largest contributor to the European Space Agency (ESA), after France and closely following Germany. Italy is also among the early signatories of the Artemis Accords for NASA's new lunar program. Through its own Agency, Italy operates in **all areas of space applications**. With a strong diplomatic capacity, ASI has strategic collaborations with all major space agencies.

Through these collaborations and continuous cooperation with the scientific community and Italian industries, the Agency has achieved significant **successes in the fields of cosmology, human and robotic exploration, space propulsion, telecommunications, satellite navigation, and Earth Observation**. One of the most remarkable results of these collaborations is the International Space Station, where Italian astronauts operate, and whose habitat modules were built for over 40% by the national industry.

www.asi.it



 THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

 Research and
Innovation Office
研究及創新事務處

Our Booth:
MN-C11, Level 0

The Hong Kong Polytechnic University

**The First University in Hong Kong
as an IAF member Pioneering in
the Space Research**

The Hong Kong Polytechnic University (PolyU) was founded in 1937, consists of 9 faculties and schools. With the motto of "To learn and to apply, for the benefit of mankind," PolyU strives to be a leading university in knowledge transfer, providing quality holistic education and contributing to Hong Kong, the nation, and the world with high impact research. PolyU engage in a wide spectrum of research projects spanning from deep space exploration to AI & robotics, advanced manufacturing, smart cities, materials & sensing technology, life sciences & healthcare.

Since 2010, PolyU has participated in national lunar exploration missions, including Chang'e-3 to Chang'e-6, and the Mars exploration project Tianwen-1.

The AIR Summit hosted by PolyU provides an invaluable opportunity for national aerospace authorities, industry experts, professionals and thought leaders to share the latest research findings and technological breakthroughs, and to explore innovative aerospace solutions. The Summit focuses on deep space exploration, lunar exploration projects, rockets and satellites, and the new space economy.

 **AIR Summit**
Aerospace • Innovation • Research

**Aerospace Innovation Research Summit
19 November 2024 @ HONG KONG**



Register HERE

For enquiry:
Mr Samuel Yeung,
hfyung@polyu.edu.hk

#MS-H05



DORAHACKS

A leading global hackathon organizer and developer
incentive platform

Space Resources and Exploration Grant



dorahacks.io/mini-grant/10

- Long-term mini grant program
- Already supporting 15+ early-stage projects

FOSTERING SPACE TECH INNOVATION



STARSHIP^{ROUND 3} USE CASES HACKATHON

- Offering a \$100k prize pool
- Featuring 20+ use cases
and open challenges



dorahacks.io/hackathon/starship

IAC 2024 PATRONAGES



PATRONAGE
Comune di
Milano



Regione
Lombardia

CONTENTS

1. Welcome Messages	2
1.1 Message from the International Astronautical Federation (IAF)	2
1.2 Message from the Local Organizing Committee (LOC)	3
1.3 Message from the International Programme Committee (IPC) Co-Chairs	4
2. Organizer	5
2.1 International Astronautical Federation (IAF)	5
3. Host and Co-Hosts	14
3.1 Italian Association of Aeronautics and Astronautics (AIDAA)	14
3.2 Italian Space Agency (ASI)	14
3.3 Leonardo	14
4. Partner Organizations	15
4.1 International Academy of Astronautics (IAA)	15
4.2 International Institute of Space Law (IISL)	17
4.3 Space Generation Advisory Council (SGAC)	19
5. Milan	21
5.1 General Information A – Z	23
6. Congress Practical Information	26
6.1 Congress Venue Floor Plans	26
6.2 Registration	28
7. Congress at Glance	30



IAF Alliance Programme Partners 2024





1 Welcome Messages

1.1 Message from the International Astronautical Federation (IAF)

Dear Colleagues,

I am delighted to welcome you to Milan, a city that beautifully blends rich cultural heritage with cutting-edge innovation. As we gather for the 75th edition of the International Astronautical Congress, I am proud to say that IAC 2024 is set to be the largest congress in the history of the International Astronautical Federation.

Hosted by AIDAA, the Italian Association of Aeronautics and Astronautics, and co-hosted by ASI, the Italian Space Agency, and Leonardo, a global leader in aerospace, defense, and security, this congress represents the very best of academia, agency, and industry. AIDAA, ASI, and Leonardo, esteemed IAF members since 1951, 1988, and 1980 respectively, have joined forces with the IAF to ensure that this historic event is a resounding success. Together, we are working tirelessly to create an unforgettable experience for you all.

The theme for IAC 2024, “Responsible Space for Sustainability,” could not be more timely or relevant. As we continue to explore the frontiers of space, it is our collective responsibility to ensure that our endeavors contribute to the sustainability of our planet and the peaceful use of outer space. Throughout this congress, we will delve into this pivotal theme, exploring the evolving landscape of space and the role we all play in shaping its future.

Our five-day journey together will feature an inspiring lineup of speakers, engaging sessions, and cutting-edge developments in the space sector. From the Plenary Programme to the Global Networking Forum, the Technical Programme, and a host of Associated Events, there will be something for everyone to enjoy, learn from, and contribute to. The exhibition will also be a vibrant hub of activity, showcasing the latest advancements and innovations from around the world.

Thank you for being a part of IAC 2024 and for your continued dedication to advancing the global space community. I look forward to meeting many of you throughout the week and to the incredible insights and discussions that lie ahead.



Clay MOWRY
President,
International Astronautical Federation (IAF)

1.2 Message from the Chair of the Local Organizing Committee (LOC)

Dear Colleagues, Dear space enthusiasts,

As the President of the Italian Association of Aeronautics and Astronautics, AIDAA, I am proud to invite you to the 75th International Astronautical Congress, IAC, which will take place in Milan in October 2024.

The Italian Association of Aeronautics and Astronautics (AIDAA), one of the oldest Astronautical Associations worldwide and a founding member of IAF, is pleased to serve as the host of IAC 2024 and welcome you to Italy, one of the leading countries for space activities.

The Italian Space Agency (ASI) and Leonardo co-host the 75th edition of IAC. The synergy among the national agency, the leading Italian aerospace company, and the academia, represented by AIDAA, was the primary strength of Milan’s bid and perfectly embodies the spirit of IAC, i.e., an event to gather all space players, share ideas and shape the future of the space exploration and responsible exploitation.

Inspired by the motto of IAC 2022, “Space for @ll”, our efforts are directed towards organizing a fully inclusive edition of the International Astronautical Conference. The 3G activities promoted by the IAF represent the foundation on which IAC 2024 is organized to offer an inclusive event for all, regardless of gender, geography, and age.

In 2024, Italy celebrates the 60th anniversary of the launch of the first Italian satellite, the San Marco, thanks to which Italy is counted as the third country in the world, and the first in Europe, to launch a satellite. Sixty years after the launch of San Marco, Italy is still one of the leading countries in space exploration and service. Therefore, the organization of IAC 2024 in Italy will be an outstanding opportunity to celebrate this historical national goal.

Past achievements should encourage us to pursue even greater ambitions; in Latin, Ab alto ad altum. Therefore, sixty years after the beginning of the Italian space activities, we propose the motto: **Responsible Space for Sustainability**. The motto contains a dilemma; space-based technologies are vital for the present social life and a sustainable future, but outer space is a finite resource, and we must preserve this asset for future generations. IAC 2024 aims to address this issue and propose appropriate solutions.

Italy is an excellent destination for IAC 2024. The country of Galileo Galilei and Leonardo Da Vinci combines history, arts, technology, and innovation. The city of Milano is the second-largest Italian city, prevalently industry- and business-oriented, and, recently, has been the host city of the international exposition, EXPO 2015. Milano has the required facilities and logistics to meet the needs of the currently growing events at IAC. The Municipality of Milano, the Regione Lombardia, and the Italian Government strongly support IAC 2024.

We are proud to offer a superb conference center, Allianz MiCo, equipped with the latest technologies and satisfying the high standards required by IAC 2024. Furthermore, the Milano Convention Centre – MiCo – is adjacent to the new Citylife district, a perfect space to spend spare time between the events of IAC.

Let me conclude this letter with a warm invitation to be part of IAC 2024 and make the 75th edition the stage to share your ideas, business, and vision.

We look forward to welcoming you to Milan,

Best regards



Erasmo CARRERA
Chair,
IAC 2024 Local Organizing Committee,
President,
Italian Association of Aeronautics and Astronautics
(AIDAA)

1.3 Message from the International Programme Committee (IPC) Co-Chairs

Esteemed Colleagues and Friends,

On behalf of the International Programme Committee, we are delighted to welcome you to the 75th International Astronautical Congress (IAC) in Milan. This year's congress is a landmark event, breaking records and setting new standards for participation and engagement.

IAC 2024 has reached a historic milestone with nearly 7,000 abstracts submitted from 106 countries and 2,295 organizations worldwide for oral and interactive presentations—an unprecedented number that surpasses all previous records. The same success was experienced by our Call for Special Sessions, with over 50% more proposals than ever before, and Call for Plenaries and Highlight Lectures.

To accommodate this record-breaking number of presentations, and thanks to the efforts of the IAF and AIDAA, IAC 2024 will feature 197 Technical Sessions and 90 IP screens—the most ever at an IAC—ensuring ample opportunities for all participants to share their work and engage with the community.

Thanks to the diligent work of the IPC in reviewing this large number of high-quality submissions, we have been able to select an exceptionally strong and diverse technical and plenary program. This program is designed to showcase cutting-edge research, innovative solutions, and the latest advancements across the global space sector, setting the stage for an engaging and impactful congress.

Aligned with our congress theme, 'Responsible Space for Sustainability,' IAC 2024 serves as a crucial platform for exploring how space can unite the global community in working towards common goals. The diversity and number of submissions highlight our shared dedication to advancing sustainability, both on Earth and in space. We believe the insights and innovations presented here will significantly contribute to addressing pressing challenges, from climate change to sustainable development.

As we gather in Milan, IAC 2024 is set to make history as the largest and most vibrant global space event to date.

We look forward to the groundbreaking discussions, collaborations, and connections that will emerge during this momentous event. Welcome to IAC 2024, and thank you for being part of it!



Alfonso PAGANI
IPC Co-Chair,
Italian Association of Aeronautics
and Astronautics (AIDAA),
Italy



Annie HANDMER
IPC Co-Chair,
Faculty of Science,
University of Sydney,
Australia

2 Organizer

2.1 The International Astronautical Federation (IAF)

Founded in 1951, the International Astronautical Federation is the world's leading space advocacy body. The IAF has 513 members from 77 countries, including all leading space agencies, companies, societies, associations and institutes worldwide.

Following its theme - "A space-faring world cooperating for the benefit of humanity" and its motto "Connecting @ll Space People" - the Federation advances knowledge about space and fosters the development and application of space assets by advancing global cooperation.

As organizer of the annual International Astronautical Congress (IAC), and other meetings on specific subjects, the IAF actively encourages the development of space for peaceful purposes and supports the dissemination of scientific and technical information related to space.

International Astronautical Federation

100 Avenue de Suffren
75015 Paris, France

T: +33 1 45 67 42 60

W: www.iafastro.org

E: info@iafastro.org



Connecting @ll Space People
for a sustainable future

Be part of the conversation @iafastro



IAF Bureau Members 2023 – 2024



IAF PRESIDENT
Clay MOWRY
Chief Revenue Officer,
Voyager Space Holdings,
United States



VP: DEVELOPING COUNTRIES AND EMERGING COMMUNITIES
Pilar ZAMORA ACEVEDO
Executive Director,
Colombian Space Agency (AEC),
Colombia



VP: DIVERSITY INITIATIVES
Mishaal ASHEMIMRY
Aerospace Consultant & Special
Advisor to CEO,
Saudi Space Commission (SSC),
Saudi Arabia



VP: EDUCATION AND WORKFORCE DEVELOPMENT
Davide PETRILLO
Managing Director of Nanoracks
Europe,
Nanoracks,
Italy



VP: GLOBAL MEMBERSHIP DEVELOPMENT AND FINANCIAL MATTERS
Michal BRICHTA
Head,
Slovak Investment and Trade
Development Agency (SARIO) -
Slovak Space Office,
Slovakia



VP: HONOURS AND AWARDS
Asanda SANGONI
Acting Managing Director,
South African National Space
Agency (SANSA),
South Africa



VP: IAF GLOBAL NETWORKING FORUM
Steve EISENHART
Senior Vice President,
Space Foundation,
United States



VP: INDUSTRY RELATIONS AND SPACE ECONOMY
Geraldine NAJA
Director of Commercialisation,
Industry and Competitiveness,
European Space Agency (ESA),
France



VP: RELATIONS WITH INTERNATIONAL ORGANIZATIONS
Anil KUMAR
Associate Director, ISTRAC,
Chief General Manager, Safe &
Sustainable Space Operations
Management,
Indian Space Research
Organisation (ISRO),
India



VP: SCIENCE AND ACADEMIC RELATIONS
Tanja MASSON-ZWAAN
Assistant Professor and Deputy
Director of the International Institute
of Air and Space Law (IIASL),
Leiden University
The Netherlands



VP: SOCIETIES AND MUSEUMS
Daming LI
President,
China Academy of Space Technology
(CAST),
China



VP: TECHNICAL ACTIVITIES
Lionel SUCHET
Chief Operating Officer,
Centre National d'Etudes
Spatiales (CNES),
France



GENERAL COUNSEL
Sergio MARCHISIO
Full Professor of International Law,
Sapienza University of Rome,
Italy



HONORARY SECRETARY
Geir HOVMORK
Norsk Astronautisk Forening,
Norway



IAF EXECUTIVE DIRECTOR
Christian FEICHTINGER
Executive Director,
IAF Secretariat,
Austria

IAF Secretariat



Christian FEICHTINGER
Executive Director



Giulia Maria BERARDI
Deputy Executive Director



Isabella MARCHISIO
Senior Projects Manager



Myriam MORABET
Senior Projects Manager



Giulia ANGELETTI
Office Manager



Alessandra D'ARGENIO
Projects Manager



Martina FABBIANI
Projects Manager



Evelina HEDMAN
Communications & Marketing
Manager



Stefano PASCALI
Projects Manager



Martin FEICHTINGER
Administrative &
Project Support



Constance DELAUNE
Projects Assistant



Svetlana VAKHRINA
Projects Assistant



Elena FEICHTINGER
Projects Manager and Special
Advisor (Volunteer)



Sebastian FEICHTINGER
Social Media

IAF Member Organizations 2024

A9C Capital	Bahrain	Astronautical Society of India	India	Chinese Society of Astronautics (CSA)	China	EURISY	France
AAKA SPACE STUDIO CORP	Canada	Astrosat	United Kingdom	CIRA Italian Aerospace Research Centre	Italy	Euroconsult	France
Access	Germany	Astroscale	Japan	Coactum	Switzerland	EUROLAB Laboratory	Türkiye
ADA SPACE	China	Australian Space Agency	Australia	Colegio Federado de Ingenieros y de Arquitectos de Costa Rica (CFIA)	Costa Rica	European Conference for Aero-Space Sciences (EUCASS)	Belgium
Adriatic Aerospace Association	Croatia	Austrian Research Promotion Agency (FFG)	Austria	Colombian Space Agency	Colombia	European Organization for Nuclear Research (CERN)	Switzerland
AED Cluster Portugal	Portugal	AUSTROSPACE	Austria	Colorado Center for Astrodynamics Research, University of Colorado	United States	European Space Agency (ESA)	France
Aerojet Rocketdyne	United States	Axiom Space	United States	Comision Nacional de Actividades Espaciales (CONAE)	Argentina	European Space Foundation	Poland
Aerospace Industries Association (AIA)	United States	Azercosmos Space Agency of the Republic of Azerbaijan	Azerbaijan	Commission d'Astronautique de l'Academie Roumaine	Romania	European Space Policy Institute (ESPI)	Austria
Aerospace Research Institute	Iran	Baku State University	Azerbaijan	Community of Ariane Cities (CVA)	France	European Test Services (ETS)	The Netherlands
Aexa Aerospace	United States	Bauman Moscow State Technical University	Russian Federation	COMSPOC	United States	European Union Agency for the Space Programme (EUSPA)	Czech Republic
Agence Spatiale Algérienne (ASAL)	Algeria	Beihang University	China	CosmoX Aerospace Research Company	Russian Federation	Eurospace	France
Agencia Espacial Mexicana (AEM)	Mexico	Beijing FutureSpace Space Technology Institute	China	Council of European Aerospace Societies (CEAS)	Belgium	Eutelsat	France
AGI	United States	Beijing Infinite Education	China	Croatian Astronautical and Rocket Federation (HARS)	Croatia	Fachhochschule Wiener Neustadt	Austria
Agrupacion Astronautica Espanola	Spain	Beijing Interstellar Glory Space Technology	China	CSIRO Astronomy & Space Science	Australia	Federal Aviation Administration Office of Commercial Space Transportation (FAA/AST)	United States
Air and Space Academy (AAE)	France	Beijing Minospace Technologies	China	CubeSpace	South Africa	Felix & Paul Studios	Canada
Airbus Defence and Space GmbH	Germany	Beijing Smart Satellite Technology	China	Curtin University	Australia	Finnish Astronautical Society	Finland
Airbus Defence and Space SA	Spain	Beijing SpaceD Aerospace Application & Science Education Technology	China	Cyprus Astronautical Society	Cyprus	Firefly Aerospace	United States
Airbus Defence and Space SAS	France	Beijing Sunwise Space Technology	China	Cyprus Space Exploration Organisation (CSEO)	Cyprus	Flinders University	Australia
Airbus Ltd.	United Kingdom	Belgian Federal Science Policy Office (BELSPO)	Belgium	Czech Space Alliance	Czech Republic	Fondazione E. Amaldi	Italy
Airbus Netherlands B.V.	The Netherlands	Ben-Gurion University of the Negev	Israel	Czech Space Office	Czech Republic	For all Moonkind	United States
ALE	Japan	Berkeley SETI Research Center	United States	Dalian University of Technology (DUT)	China	Fraunhofer Alliance Space	Germany
Alén Space	Spain	beSpace	Germany	Danish Aerospace Company	Denmark	Fundacion para el Desarrollo de las Ciencias la Sociedad y el Estado (FUNDECISE)	Costa Rica
All Nations University	Ghana	beyond gravity	Switzerland	Danish Astronautical Society	Denmark	Future Space Leaders Foundation	United States
Alma Mater Studiorum - University of Bologna	Italy	Black Engine Aerospace	Germany	Dassault Aviation	France	G.A.U.S.S.	Italy
ALTEC	Italy	Blue Origin	United States	Deep Space Exploration Laboratory (Tiandu Laboratory)	China	Geostudios Ingenieria	Colombia
American Astronautical Society (AAS)	United States	Brazilian Space Agency (AEB)	Brazil	Deimos Space	Spain	Geo-Informatics and Space Technology Development Agency (GISTDA)	Thailand
American Institute of Aeronautics and Astronautics (AIAA)	United States	Bryce Space and Technology	United States	Delft University of Technology	The Netherlands	Georgia Tech Center for Space Technology and Research	United States
American Institute of Physics	United States	Bulgarian Aerospace Agency	Bulgaria	Department of Space Studies, University of North Dakota	United States	German Aerospace Industries Association (BDLI)	Germany
Andart Global	United Arab Emirates	C6 Launch Systems	Canada	Deployables Cubed (Dcubed)	Germany	GIFAS	France
Andøya Space Center	Norway	California Polytechnic State University	United States	Dereum Labs	Mexico	GK Launch Services	Russian Federation
Angolan National Space Program Management Office (GGPEN)	Angola	Canadensys Aerospace Corporation	Canada	Deutsche Gesellschaft für Luft-und Raumfahrt, Lilienthal-Oberth (DGLR)	Germany	GKN Aerospace Engine Systems	Sweden
ANU Institute for Space (InSpace)	Australia	Canadian Aeronautics & Space Institute (CASI)	Canada	Deutsches Zentrum für Luft-und Raumfahrt (DLR)	Germany	GMV Aerospace & Defence	Spain
ArianeGroup	France	Canadian Space Agency	Canada	Dhruva Space Private Limited	India	Gokmen Space and Aviation Training Center (GUHEM)	Turkey
Arianespace	France	Canadian Space Society	Canada	D-Orbit	Italy	GomSpace Aps	Denmark
Arizona State University	United States	C-Astra Technologies	United States	Dragonfly Aerospace	South Africa	Graz University of Technology (TU Graz)	Austria
ArkEdge Space	Japan	Center of Space Exploration, Ministry of Education (COSE)	China	Dynamic Genesis	Sweden	Guangzhou Zhongke Aerospace Exploration Technology (CAS Space)	China
Asgardia	Austria	Central American Association for Aeronautics and Space (ACAE)	Costa Rica	Dynetics	United States	Gumush Aerospace & Defense	Turkey
Asher Space Research Institute (ASRI)	Israel	Central Research Institute for Machine Building (JSC TSNIIMASH)	Russian Federation	Ecole Polytechnique Fédérale de Lausanne (EPFL)	Switzerland	Habitat Company GR	Mexico
Asia-Pacific Space Cooperation Organization (APSCO)	China	Centre for Mechanical and Aerospace Science and Technologies (C-MAST)	Portugal	Edrive Space Technology	China	HE Space	Germany
Asociacion Civil Universidad de Ciencias y Humanidades	Peru	Centre for the development of Industrial Technology (CDTI)	Spain	Egyptian Space Agency	Egypt	Hebrew University of Jerusalem	Israel
Association Aéronautique & Astronautique de France (3AF)	France	Centre National de la Cartographie et de la Teledetection (CNCT)	Tunisia	Embedded Instruments and Systems (EMXYS)	Spain	Hellenic Space Centre	Greece
Association for Astronautics and Space Technologies (UAST)	Croatia	Centre National d'Etudes Spatiales (CNES)	France	Embry-Riddle Aeronautical University	United States	Hermann-Oberth-Raumfahrt Museum	Germany
Association of Space Explorers (ASE)	United States	Centre Royal de Télédétection Spatiale (CRTS)	Morocco	EMPOSAT	China	Hermes Engineering	Bulgaria
Associazione Italiana di Aeronautica e Astronautica (AIDAA)	Italy	Centre Spatial de Liège (CSL)	Belgium	EMROD	Germany	High Technology Unit (UAT) Faculty of Engineering	Mexico
Astralintu Space Technologies	Ecuador	Centro de Investigacion y Difusion Aeronautico Espacial (CIDA-E)	Uruguay	EnduroSat	Bulgaria	Hong Kong Polytechnic University	China
Astrax	Japan	China Head Aerospace Technology	China	Engineers Australia	Australia	Hungarian Astronautical Society (MANT)	Hungary
Astronautic Technology SDN BHD	Malaysia			EngineRoom.io	Australia	IABG Industrienanlagen Betriebsgesellschaft	Germany
				EOS Data Analytics	United States	Iceland Space Agency	Iceland
				Equatorial Launch Australia	Australia	ICEYE	Finland
				Estonian Business Innovation Agency	Estonia	Idea Space	Brazil
				EUMETSAT	Germany		

IHI Aerospace	Japan	Khalifa University of Science and Technology	United Arab Emirates	National Astronomical Research Institute of Thailand	Thailand	PricewaterhouseCoopers Advisory (PwC)	France
Indian Space Research Organization (ISRO)	India	Khronichev State Research & Production Space Center	Russian Federation	National Autonomous University of Honduras	Honduras	Privateer Space	United States
Indian Technology Congress Association	India	King Abdulaziz City for Science & Technology (KACST)	Saudi Arabia	National Institute of Information and Communications Technology (NICT)	Japan	Proximai	United States
Indonesian Space Agency Secretariat (INASA)	Indonesia	Kongsberg NanoAvionics	Lithuania	National Oceanic and Atmospheric Administration (NOAA)	United States	PTS Planetary Transportation Systems	Germany
Infostellar	Japan	Kongsberg Satellite Services	Norway	National Space Centre	Ireland	Purple Mountain Observatory (PMO)	China
IngeniArs	Italy	Korea Advanced Institute of Science and Technology (KAIST)	Republic of Korea	National Space Research and Development Agency (NASRDA)	Nigeria	QSTC	Canada
INNOSPACE	Korea, Republic of	Korea Aerospace Industries	Korea, Republic of	National Space Science Agency (NSSA)	Bahrain	Qwaltec	United States
Innovation Academy for Microsatellites, Chinese Academy of Sciences	China	Korea Aerospace Research Institute (KARI)	Korea, Republic of	National Space Society	United States	Rafael Advanced Defense Systems	Israel
Institut d'Estudis Espacials de Catalunya	Spain	Korea Association for Space Technology Promotion (KASP)	Korea, Republic of	National Space Society Colombia	Colombia	Ramirez de Arellano y Abogados, S.C. Law Firm	Mexico
Institut Français d'Histoire de l'Espace	France	Korea Astronomy and Space Science Institute	Korea, Republic of	National University of Science and Technology	Pakistan	Reaction Engines	United Kingdom
Institut Polytechnique des Sciences Avancées (IPSA)	France	Kyushu Institute of Technology	Japan	NEC Corporation	Japan	Redwire Space	United States
Institut Supérieur de l'Aéronautique et de l'Espace (ISAE)	France	LandSpace Technology Corporation	China	Netherlands Aerospace Centre (NLR)	The Netherlands	Remred	Hungary
Institute for Q-shu Pioneer of Space (iQPS)	Japan	Lavochkin Science and Production Association	Russian Federation	Netherlands Space Office (NSO)	The Netherlands	ReOrbit	Finland
Institute of Biomedical Problems (IBMP), Russian Academy of Sciences (RAS)	Russian Federation	Law Offices of Sterns and Tennen	United States	Netherlands Space Society (NVR)	The Netherlands	Rocket Factory Augsburg (RFA)	Germany
Institute of Experimental and Applied Physics, Czech Technical University in Prague	Czech Republic	Leanspace	France	NeuraSpace	Portugal	Rocket Research Institute	United States
Institute of Mechanics, Chinese Academy of Sciences	China	Leonardo	Italy	NeutronStar Systems UG (hb)	Germany	ROKETSAN Roket Sanayi ve Ticaret	Türkiye
Institute of Space Systems, University of Stuttgart	Germany	Leviathan Space Industry	United States	New Zealand Space Agency	New Zealand	Romanian Space Agency (ROSA)	Romania
Instituto de Aeronáutica e Espaço (IAE)	Brazil	Libre Space Foundation	Greece	NGC Aerospace	Canada	ROSCOSMOS	Russian Federation
Instituto Nacional de Pesquisas Espaciais (INPE)	Brazil	LIQUIFER Systems Group	Austria	Nigerian Meteorological Agency	Nigeria	Rovsing A/S	Denmark
Instituto Nacional de Técnica Aeroespacial (INTA)	Spain	Lithuanian Museum of Ethnocosmology	Lithuania	Norsk Astronautisk Forening	Norway	RUDN University	Russian Federation
Instituto Tecnológico de Costa Rica (TEC)	Costa Rica	Lithuanian Space Association (LSA)	Lithuania	Northrop Grumman Corporation	United States	Rwanda Space Agency	Rwanda
International Association for the Advancement of Space Safety	The Netherlands	Lockheed Martin Corporation	United States	Northwestern Polytechnical University	China	S.P. Korolev Rocket and Space Corporation Energia	Russian Federation
International Lunar Observatory Association	United States	Loft Orbital Solutions	United States	Norwegian Space Agency (NOSA)	Norway	Safran Aircraft Engines	France
International Peace Alliance	China	Łukasiewicz Research Network – Institute of Aviation (ILOT)	Poland	Nova Systems	Australia	SAHA Istanbul Defence & Aerospace Cluster	Turkey
International Space Center - Space Park Israel Ashkelon	Israel	Luxembourg Space Agency	Luxembourg	Novespace	France	Saint Petersburg State University of Aerospace Instrumentation	Russian Federation
International Space University (ISU)	France	Malaysian Space Agency (MYSA)	Malaysia	Office for Space Technology & Industry, Singapore	Singapore	Samara National Research University	Russian Federation
Internationaler Förderkreis für Raumfahrt – Hermann Oberth – Wernher von Braun	Germany	Mars Planet	Italy	Office National d'Etudes et de Recherches Aérospatiales (ONERA)	France	Sapienza University of Rome	Italy
Intersputnik International Organization of Space Communications	Russian Federation	Massachusetts Institute of Technology	United States	OffWorld	United States	SARS Technology and Innovation Private Limited	India
Invap	Argentina	Maxar	United States	OHB Italia	Italy	Satellite Research Center, Nanyang Technological University (NTU)	Singapore
Iranian Space Agency	Iran	McGill Institute for Aerospace Engineering (MIAE)	Canada	OHB System AG - Munich	Germany	Satellogic	Spain
Isar Aerospace Technologies	Germany	MDA Corporation	Canada	OHB System AG-Bremen	Germany	Satrec Initiative	Korea, Republic of
ispace	Japan	MEDES - IMPS	France	Open Cosmos	United Kingdom	Saudi Space Agency (SSA)	Saudi Arabia
Israel Aerospace Industries	Israel	Microcosm	United States	Orbit Fab	United Kingdom	Savunma Teknolojileri Muhenislik ve Ticaret A.S. (STM)	Turkey
Israel Space Agency	Israel	MicroDrive Space	China	Orbital Express Launch Limited (Orbex)	United Kingdom	SDA Bocconi School of Management, Bocconi University	Italy
Italian Space Agency (ASI)	Italy	Miprons	Italy	Orbital Space Technologies	Costa Rica	Secure World Foundation	United States
J.Denavaut communications-smart	Portugal	Mission Control Space Services	Canada	Orion Applied Science & Technology	United States	SEMECCEL Cité de l'Espace	France
Japan Aerospace Exploration Agency (JAXA)	Japan	Mission Space	Luxembourg	Pacific West Data Pty Ltd - Trading as ACME SpaceTek	Australia	Serbian Office for Space Sciences, Research and Development (SERBSPACE)	Serbia
Japan Manned Space Systems Corporation (JAMSS)	Japan	Mitsubishi Electric Corporation	Japan	Pakistan Space and Upper Atmosphere Research Commission (SUPARCO)	Pakistan	SES	Luxemburg
Japan Society for Aeronautics and Space Sciences (JSASS)	Japan	Mitsubishi Heavy Industries	Japan	Paraguayan Space Agency	Paraguay	Shaanxi Engineering Laboratory for Microsatellites	China
Japanese Rocket Society	Japan	Mohammed Bin Rashid Space Centre (MBRSC)	United Arab Emirates	PJSC "Elmiz"	Ukraine	Shaanxi XingYi Space Technologies	China
Joanneum Research	Austria	Monaco Office of Space Affairs	Monaco	Planet Labs Germany	Germany	Shamakh Astrophysical Observatory	Azerbaijan
JSC Glavkosmos	Russian Federation	Monacosat S.A.M.	Monaco	Plan-S Satellite and Space Technologies	Turkey	Shanghai Azimuth Data Technology	China
JSC NPO Energomash	Russian Federation	Moon Village Association (MVA)	Austria	Polish Academy of Sciences	Poland	Sharjah Academy for Astronomy, Space Sciences, and Technology (SAASST)	United Arab Emirates
JSC SRC Progress	Russian Federation	Moscow Aviation Institute (MAI)	Russian Federation	Polish Astronautical Society	Poland	Shoal Group	Australia
Karman Project	Germany	MT Aerospace	Germany	Polish Space Agency (POLSA)	Poland	SIDERALIS Foundation	Ecuador
KBR	United States	Mudd Law	United States	Politecnico di Milano	Italy	Sierra Space	United States
Keldysh Research Center	Russian Federation	Nanjing University of Aeronautics and Astronautics	China	Politecnico di Torino	Italy	Simera Sense	Belgium
Kenya Space Agency	Kenya	Nanoracks	United States	Portuguese Space Agency	Portugal	Singapore Space and Technology (SSTL)	Singapore
		National Aeronautics and Space Administration (NASA)	United States	Poznan University of Technology	Poland	Singapore Technologies Engineering Limited	Singapore
		National Aerospace Agency (NASA) of Azerbaijan Republic	Azerbaijan	PRATIAN	Puerto Rico	Sirius XM Radio	United States
						Sitael	Italy

Slovak Investment and Trade Development Agency (SARIO) - Slovak Space Office	Slovakia	Telespazio VEGA UK	United Kingdom
SMARTCIRCUITS INNOVATION Private Limited	India	Tensor Tech	Taiwan, China
SODERN	France	Tesat-Spacecom	Germany
Solar MEMS Technologies S.L	Spain	Thales Alenia Space France	France
South African National Space Agency (SANSA)	South Africa	Thales Alenia Space Italia	Italy
South African Space Association (SASA)	South Africa	The Aerospace Corporation	United States
Space Applications Services NV/SA	Belgium	The Andy Thomas Space Foundation	Australia
Space Arbitration Association	France	The Astro Ben Podcast	United Kingdom
Space Canada Corporation	Canada	The Boeing Company	United States
Space Center Houston	United States	The British Interplanetary Society	United Kingdom
Space Commercial Services Holdings	South Africa	The Chinese Aeronautical and Astronautical Society located in Taipei	Taiwan, China
Space Flight Laboratory (SFL)	Canada	The Exploration Company	Germany
Space Foundation	United States	The Federal University of Technology, Akure (FUTA)	Nigeria
Space Generation Advisory Council (SGAC)	Austria	The Institute for Earth and Space Exploration	Canada
Space Industry Association of Australia	Australia	The Johns Hopkins University Applied Physics Laboratory	United States
Space Latam	Paraguay		
Space Policy Institute, George Washington University	United States	The Korean Society for Aeronautical and Space Sciences	Korea, Republic of
Space Renaissance International (SRI)	Italy	The National Space Science and Technology Center (NSSTC)	United Arab Emirates
Space Research Institute (IKI), Russian Academy of Sciences (RAS)	Russian Federation	The Ohio State University College of Engineering	United States
Space Sustainability Rating	Switzerland	The Planetary Society	United States
Space Tech Expo - Smarter Shows	United Kingdom	The Sergei Korolev Space Museum	Ukraine
Space Trust	United Kingdom	The Space Research and Technology Agency under the Ministry of digital technologies of the Republic of Uzbekistan (Uzbekspace agency)	Uzbekistan
SpaceBrainx	France		
SpaceBuzz	The Netherlands	The University of Sydney	Australia
SpaceForest	Poland	The University of Winnipeg	Canada
SpaceLand Africa	Mauritius	ThrustMe	France
SpaceNav	United States	TNO	The Netherlands
SpaceNed	The Netherlands	Trapp Networks PR Social Media	Germany
SPACETIDE Foundation	Japan	Tsinghua University	China
Spacety	China	Turkish Space Agency (TUA)	Turkey
SpaceX	United States	TURKSAT	Türkiye
Spade	France	U.S. Geological Survey	United States
Spartan Space	France	UAE Space Agency	United Arab Emirates
STAR.VISION Aerospace Group Limited	China		United Kingdom
Stardust	Canada	UK Space Agency	United States
Starfire 7	United States	United Launch Alliance	United States
State Space Agency of Ukraine (SSAU)	Ukraine	United States Accreditation	Indonesia
Stichting Space Professionals Foundation (SSPF)	The Netherlands	Universitas Telkom	Malaysia
Surrey Satellite Technology (SSTL)	United Kingdom	Universiti Teknologi Mara (UITM)	Italy
Swedish Society for Aeronautics and Astronautics	Sweden	University of Adelaide	Australia
Swedish Space Corporation (SSC)	Sweden	University of Alabama in Huntsville	United States
Swiss Space Office (SSO)	Switzerland	University of Naples "Federico II"	Italy
SwissSpace Association	Switzerland	University of New South Wales	Australia
Teaching Science and Technology (TSTI)	United States	University of Strathclyde	United Kingdom
Technical University of Košice	Slovak Republic	University of Tartu	Estonia
Technische Universität Dresden	Germany	University of Trento, Department of Physics, National PhD in Space Science and Technology	Italy
Technische Universität Wien (TUW)	Austria		
Techno System Developments	Italy	University of Vigo	Spain
Technology and Engineering Center for Space Utilization, Chinese Academy of Sciences	China	University POLITEHNICA of Bucharest, Research Center for Aeronautics and Space	Romania
Teledyne Brown Engineering	United States		
Telespazio	Italy	University Space Program, Universidad Nacional Autonoma de Mexico	Mexico

University Wuerzburg
USPACE
UzayA Law and Science Association
Viasat
Victorian Space Science Education Centre
Vieira de Almeida & Associados
Vietnam National Space Center (VNSC)
Virgin Galactic
Viterbi School of Engineering (USC)
VITO nv
Von Karman Institute for Fluid Dynamics
Voyager Space Holdings

Germany
China
Turkey
United States
Australia
Portugal
Vietnam
United States
United States
Belgium
Belgium
United States

WeMe Global
WeSpace Technologies Limited
Wirtschaftsförderung Bremen (WFB)
Women in Aerospace Europe (WIA-E)
World Space Week Association
Yinhe Hangtian (Beijing) Internet Technology Company Limited (GalaxySpace)
Yuzhnoye State Design Office
ZARM Fab
Zero2infinity
Zhuhai Orbita Aerospace Science & Technology

Austria
Israel
Germany
The Netherlands
United States
China
Ukraine
Germany
Spain
China



3 Host and Co-Host

3.1. Host: AIDAA – Italian Association of Aeronautics and Astronautics, representing the academia



The Italian Association of Aeronautics and Astronautics (A.I.D.A.A.) is a national not-for-profit scientific association.

It was founded in Rome on 2 July 1920 by a group of aeronautical pioneers as the Italian Aerotechnique Association. AIDAA promotes its activity through the organization of conferences, workshops, roundtables, competitions with prizes for studies and research, publication proceedings, and through the international journal “Aerotecnica Missili e Spazio – Journal of Aerospace Science, Technologies, and Systems”.

The association is managed by an Administrative Board which includes referring members of the Italian Universities (Milan, Turin, Padua, Bologna, Pisa, Rome, Naples, Palermo, Enna, Genoa), the Italian Aerospace Research Center (CIRA) and national industries.

AIDAA is a founding member of the international scientific organizations ICAS, IAF and CEAS.

3.2. Co-Host: ASI – Italian Space Agency, representing the governmental institutions



The Italian Space Agency (ASI), established in 1988, is a national public body with the task of preparing and implementing the Italian space policy in accordance with the Government guidelines.

Today ASI is recognized as one of the most important global stakeholders in all space domains, from human and robotic exploration to space science, earth observation, navigation and telecommunications.

ASI coordinates the Italian participation in the European Space Agency (ESA), where Italy is the third major contributor, and in the European Union programs and maintains international relations with numerous space partners and international organizations. ASI is member of IAF since 1989.

3.3. Co-Host: LEONARDO, representing the industry



Leonardo is a global industrial group that realises multi-domain technological solutions in the Aerospace, Defence and Security sector. A key player in major international strategic programmes, Leonardo is an industrial partner of governments, defence administrations, institutions, and companies.

The company works with its partners and customers to strengthen global security, protect people, territories, infrastructure, and cyber networks.

Through its Space Division and as a partner in the Space Alliance, Leonardo plays a significant role in the worldwide space sector, with a main focus on services and manufacturing in the areas of exploration, observation, navigation, communications and new applications such as in-orbit servicing, space situational awareness, cloud, and quantum communications.

4 Partner Organizations

4.1 The International Academy of Astronautics (IAA)

The International Academy of Astronautics is an international community of leading experts committed to expanding the frontiers of space. The IAA is distinguished as the only international Academy of elected members in the areas of Astronautics and Space. The IAA is an independent non-governmental organization established in 1960 and recognized by the United Nations in 1996. With about 1200 elected members and corresponding members from 90 nations, the International Academy of Astronautics works closely with space agencies, industry, the academic community and the national science and engineering academies to determine needs and objectives and to help shape policy and forge cooperation by means of studies, position papers, conferences, summits and publications. To foster the development of astronautics, the Academy undertakes a number of activities, including the recognition of outstanding contributors through elections and awards. The IAA has published more than 75 studies to date and is engaged in the preparation of about 40 others. The Academy also publishes a four book series and the journal Acta Astronautica, which is ranked first in the world regarding the research related to Space. The Academy organizes over 25 conferences and regional meetings per year. In addition, the Academy in cooperation with the IAF and the IISL, provides an important contribution to the IAC, where the Academy organizes 13 symposia.



International Academy of Astronautics (IAA)

6, rue Galilée
75116 Paris FRANCE - Metro Boissieres

Mailing address:
P.O. Box 1268-16
75766 Paris Cedex 16, France

T: +33 1 47 23 82 15
E: sgeneral@iaaemail.org
W: <https://iaaspace.org/>

IAA Board of Trustees 2023 – 2025



PRESIDENT
John SCHUMACHER
United States



SECRETARY GENERAL
Jean-Michel CONTANT
France

PRESIDENT
John Schumacher (United States)

VICE-PRESIDENT SCIENTIFIC ACTIVITIES
Ralph McNutt Jr. (United States)

VICE-PRESIDENT PUBLICATIONS & COMMUNICATION
Marius-Ioan Piso (Romania)

VICE-PRESIDENT AWARDS & MEMBERSHIP
Chrysoula Kourtidou-Papadeli (Greece)

VICE-PRESIDENT FINANCE
Shigeki Kinai (Japan)

PAST-PRESIDENT
Peter Jankowitsch (Austria)

SECRETARY GENERAL
Jean-Michel Contant (France)

LEGAL COUNSEL
Leslie Tennen (United States)

Trustees Section 1, Basic Sciences

Athena Coustenis (France, *Chairman*)
Anil Bhardwaj (India)

Rosaly Lopes (United States)
Rumi Nakamura (Japan)

Jan-Willem den Herder (Netherlands)
Wang Jinnian (China)

Lev Zelenyi (Russian Federation)

Trustees Section 2, Engineering Sciences

Weimin Bao (China, *Chairman*)
Jean-Marc Astorg (France)

James Chilton (United States)
Junichiro Kawaguchi (Japan)

Daniel Neuenschwander (Switzerland)
Giovanni Palmerini (Italy)

Antonio Viviani (Italy)

Trustees Section 3, Life Sciences

Elena Fomina (Russia, *Chairman*)
Jeffrey Davis (United States)

Jichen Du (China)
Jens Jordan (Germany)

Chiaki Mukai (Japan)
Dumitru-Dorin Prunariu (Romania)

Thais Russomano (Brazil)

Trustees Section 4, Social Sciences

Filippo Graziani (Italy, *Chairman*)
Natalia Archinard (Switzerland)

Miguel Bello-Mora (Spain)
Christopher Geiger (United States)

Julie Payette (Canada)
Efim Malitkov (Russia)

Wu Meirong (China)

4.2 The International Institute of Space Law (IISL)

Founded in 1960, the International Institute of Space Law (IISL) is an independent non-governmental organization dedicated to fostering the development of space law. The membership of the Institute is composed of individuals and institutions from more than forty countries, elected on the basis of their contributions to the field of space law or other social sciences related to space activities. Additionally, prospective membership is open to students and young professionals with a demonstrated interest in space law.

Since 1992, the IISL has organized the annual Manfred Lachs Space Law Moot Court Competition. The competition is based on a hypothetical space law case, and is written by IISL members. Approximately sixty student teams from universities in Africa, the Asia Pacific, Europe, and North America participate. The competition is an important part of the organization's outreach programme, and is its principal mechanism for engaging future generations of space law experts. The regional champions compete in the World Finals, which take place at the IAC and are judged each year by judges of the International Court of Justice. This unique feature makes the Manfred Lachs Moot Court one of the most prestigious moot court competitions in the world.

The IISL is an officially recognized observer at sessions of the United Nations Committee on the Peaceful Uses of Outer Space, and its Scientific & Technical and Legal Subcommittees. In cooperation with the European Centre for Space Law (ECSL), the IISL organizes an annual space law symposium for the delegates and staff attending the sessions of the UNCOPUOS Legal Subcommittee. In addition the Institute organizes a variety of conferences on space law throughout the year in locations all over the world. It publishes an annual volume of IISL Proceedings with papers and reports of all these activities during the year.



International Institute of Space Law (IISL)

E: info@iislweb.org
W: <http://iislweb.space>
Facebook: <https://www.facebook.com/spacelaw>
X: https://twitter.com/iisl_space

IISL Board of Directors 2023 – 2024

OFFICERS



PRESIDENT
Kai-Uwe SCHROGL
Germany



VICE PRESIDENT
Lesley Jane SMITH
United Kingdom/Germany



EXECUTIVE SECRETARY
P.J. BLOUNT
United States



TREASURER
Dennis J. BURNETT
United States

DIRECTORS

Frans G. von der Dunk (The Netherlands)

Marco Ferrazzani (Italy)

Joanne Gabrynowicz (United States)

Mahulena Hofmann (Czech Republic/Germany)

Ranjana Kaul (India)

Peter Martinez (South Africa)

Martha Mejia-Kaiser (Mexico/Germany)

Scarlet O'Donnell (Germany)

Olavo de Oliveira Bittencourt Neto (Brazil)

Masahiko Sato (Japan)

Olga Stelmakh-Drescher (Germany/Ukraine)

Jenni Tapio (Finland)

Fabio Tronchetti (Italy/China)

Helen Tung (Singapore)

Guoyu Wang (China)

4.3 The Space Generation Advisory Council (SGAC)

The Space Generation Advisory Council (SGAC), in Support of the United Nations Programme on Space Applications, was established at UNISPACE III in 1999. As part of the Vienna Declaration, it was recommended “to create a council to support the United Nations Committee on the Peaceful Uses of Outer Space by raising awareness and exchanging fresh ideas from youth.” The vision was to harness the creativity and vigor of young people to advance humanity through the peaceful use of space.

In 2024, SGAC is celebrating its 25th anniversary, marking a quarter-century of fostering international collaboration and innovation among young space professionals. SGAC has grown to become the largest network for students and young professionals interested in space, representing over 30,000 members aged 18 to 35 from more than 165 countries. This representation extends to the United Nations, space agencies, industry, and academia.

This year, SGAC continues to be an invaluable platform for channeling the passion and talent of its members. As a global organisation, SGAC hosted 3 global events, 17 regional and local events, and numerous online activities, including webinars, workshops, and research projects, keeping our community connected.

Furthermore, SGAC is proud to report that more than 160 scholarships were awarded to our global membership for key space events. Among the events hosted in 2024, SGAC organised the Space Generation Congress alongside the International Astronautical Congress in Milan, in coordination with IAF activities. Our active participation in IAF committees and our commitment to maintaining and expanding our excellent relationship with the IAF is of fundamental importance to our operations.

In line with our strategic goals, we will expand our presence in developing regions, increasing our participation and activities. To support these objectives, SGAC has employed two new permanent staff members: a Continuous Improvement Officer and a Business Development Officer.

With new experience from the past year and a larger, stronger team, SGAC is optimistic and encouraged for what 2025 holds, with even better engagement and connection with our members and partners. As we plan our activities for the new year, we wish to recognise, acknowledge and celebrate the hard work and outstanding efforts of all SGAC members, reaffirming our mission as the leading international space youth organization.

Further information regarding SGAC can be found at www.spacegeneration.org



Space Generation Advisory Council

SGAC % European Space Policy Institute
Schwarzenbergplatz 6
A-1030 Vienna, Austria

E: info@spacegeneration.org

W: www.spacegeneration.org

Instagram: @spacegeneration

X: @SGAC

SGAC Board of Directors:

SGAC CHAIRS



SGAC CO-CHAIR
Antonino SALMERI
Italy



SGAC CO-CHAIR
Joshua CRITCHLEY-MARROWS
Australia

SGAC EX-OFFICIO



EXECUTIVE DIRECTOR
Nikol KOLEVA
Bulgaria



BUSINESS DEVELOPMENT OFFICER
Isi CASAS DEL VALLE P
Chile



OPERATIONS OFFICER
Tatiana KOMORNÁ
Slovakia



CONTINUOUS IMPROVEMENT OFFICER
Paulina VALLE
Mexico

DIRECTORS

Ahmed Baraka, *Regional Coordinator Middle East*

Niki Sajjad, *Regional Coordinator Middle East*

Nelly-helen Ebruka, *Regional Coordinator Africa*

David Kasibante, *Regional Coordinator Africa*

KangSan (Antonio) Kim (Stark), *Regional Coordinator Asia-Pacific*

Bram De Winter, *Regional Coordinator Europe*

Antonio Scannapieco, *Regional Coordinator Europe*

Christine Dubbert, *Regional Coordinator North, Central America and the Caribbean*

Roxy Williams, *Regional Coordinator North, Central America and the Caribbean*

Erik Busnello Imbuzeiro, *Regional Coordinator South America*

5 MILAN

Milan is located in the centre of Europe and is one of the easiest cities to reach. Every week 2.549 direct flights connect Milan to over 200 destinations around the world.

Milan is the economic hub of Italy. With its advanced infrastructures, its restaurants, hotels and the countless leisure opportunities like shopping, design and museums. Milan is the ideal location for meetings and conferences thanks to its role as undisputed business and financial capital of Italy, it is also home of the financial markets and is the base for all the country's multinationals, making Milan a confirmed international metropolis. Its fine aesthetic traditions are upheld in new projects carried out in the city by star architects. The city also enjoys an enviable setting in Lombardy.



GETTING AROUND MILAN

Milan is well served by Lombardy's transport network, one of most widespread and efficient in Europe, with train, bus, metro and trolleybus networks.



Milan has 4 metro lines (plus one under construction), with 113 stations, and more than 150 bus and tram routes.

- UNDERGROUND:** Milan is served by 4 underground lines which cross the city from one end to the other. Each line is identified by a color: MM1 (red), MM2 (green), MM3 (yellow), MM5 (purple). MM4 is currently under way. **Hours:** from 5.30 am to 12.30 am, Frequency: every 2 minutes during peak hours and every 4/5 minutes the rest of the day.
 The "Passante" is a new part of the Milanese infrastructure. This connects the surface train lines with the underground. **Hours:** from 6.30 am to 8 pm. Frequency: every 10 minutes.
- BUSES & TRAM NETWORK:** Milan is equipped with an integrated surface transport network made up of around 130 lines including trams, trolleybuses and buses. A night-bus service is also available for booking on request. **Hours:** from 4 am to 1.45 am, Frequency: every 3 minutes during peak hours and every 6 minutes the rest of the day.
- TAXIS:** Licensed taxicabs in Milan are white and do not usually pick up passengers on the street. They can be requested by phone and online, or by going to the designated taxi ranks. The fare is calculated on the meter, or with fixed rates for pre-established routes. Bookings can be made with the Municipality's **Milano In Taxi app** available for **iOS** and **Android** or by calling the toll-free number **027777** or through the www.taxi.comune.milano.it website.
- SHARED MOBILITY:** Thanks to smart mobility it has never been so easy to get around in Milan: using car, scooter, bike and electric kick scooter.
 - BIKE SHARING:** BikeMi is Milan's Bike Sharing service, a real public bicycle transport system to be used for short trips. The service runs 365 days a year, from 7 am to 1 am.
 - CAR POOLING:** An innovative idea of providing individual users with a fast and safe way to share their trip, thus reducing traffic, expenses, the use of private vehicles and urban pollution.
 - CAR SHARING:** Milan features the largest car sharing service in Italy, one of the most competitive in Europe, with 6 operators in service and nearly 3,000 cars on the road.
 - SCOOTER SHARING:** In Milan the scooter sharing service is available. It works very simply through an App.

WHAT TO DO IN MILAN

Milan is filled with enchanting art cities; this is the Italian region with the largest natural parks and splendid lakes - like Como - surrounded by mountains is a paradise for both mountaineers and skiers. The region's strong attachment to its longstanding traditions is reflected in the unforgettable flavours of internationally renowned local cuisine and wine.

Must-see attractions: Duomo, the Last Supper Painting, the Castello Sforzesco, Teatro alla Scala, Galleria Vittorio Emanuele II, Fashion District and even more.

Milan is also rich in Museums. Its long literary, artistic, musical and scientific tradition has left behind an impressive number of artefacts that are now housed in important collections. Milan's Museum network is a testimony to the city's great cultural liveliness, inclusive of public and private institutions, from church museums to corporate foundations.

A variety of tours are offered to all the delegates here in and outside Milan, presenting the best of local gastronomy, arts, nature and many more. To book the tours, you may visit a dedicated page <https://www.iac2024.org/social-programme/tours/>

5.1 General Information A – Z

We are pleased to welcome you to the 75th International Astronautical Congress! Here you will find some important information about the IAC 2024.

ACCESS TO THE MICO CONVENTION CENTRE

By Public Transport:

- **Metro:** Allianz MiCo is right in front of the "Portello" underground station of the purple line. Just a few steps from the Citylife district and Corso Sempione.
- From Milano Central train station: Subway M2 line – GARIBALDI stop > subway M5 line – PORTELLO stop
- From Milano Garibaldi train station: Subway M5 line – PORTELLO stop
- From Cadorna train station: Subway M1 line – AMENDOLA stop > about 700 meters walk
- From Domodossola train station: About 15-20 minutes' walk OR by subway M5 line – PORTELLO stop.

ACCOMMODATION

MiCo dmc is appointed as Official Housing Bureau of the IAC 2024. A number of hotel rooms at preferential rates in different price categories has been reserved in Milan and surrounding areas for IAC 2024 delegates.

The hotel reservation is [available here](#). For any information regarding the accommodation please contact: accommodation@iac2024.org

BANKING FACILITIES

The official currency in Italy is Euro (EUR). All major credit cards are accepted in most hotels, restaurants, and shops. ATM machines are available at MiCo (North Wing – Level +1, South Wing – Level +1) and throughout the city.

CLOAKROOM

A cloakroom is at participants' disposal and located at South Wing – Level +1, with the following opening hours. There is no charge:

October 12, 2024 → 13:00 – 20:00
October 13, 2024 → 08:00 – 21:00
October 14, 2024 → 07:00 – 22:00
October 15, 2024 → 08:00 – 21:00
October 16, 2024 → 08:00 – 21:00
October 17, 2024 → 08:00 – 18:00
October 18, 2024 → 08:00 – 22:30

CONGRESS APP - BE CONNECTED!

iOS



Android



CONGRESS BAG

Congress Bags will be available for pick-up at South Wing – Level +1 from October 12 to October 18.

EXHIBITION AREA

The Exhibition Area located at the South-North Wing Level 0 and at the North Wing Level +1 is open on 14-18 October. The working hours during this period will be as follows:

October 14, 2024 → 11:15 – 18:00
October 15, 2024 → 10:00 – 18:00
October 16, 2024 → 10:00 – 18:00
October 17, 2024 → 10:00 – 18:00
October 18, 2024 → 10:00 – 16:30

IAF SECRETARIAT

You can find us in the Registration Area at the main entrance (South Wing – Level +1).

IAF MEMBERS LOUNGE

The IAF Members Lounge is located at the North Wing – Level +1 and is accessible for all IAF Members.

INFO POINT

An Info Point is at participant's disposal in the Congress Registration Area at South Wing – Level +1. It is operational during the Congress opening hours.

INSURANCE

Congress organizers cannot accept liability for personal injuries or for loss of or damage to property belonging to congress participants, either during or because of the Congress. Therefore, please check the validity of your own insurance.

INTERACTIVE PRESENTATION AREA

Interactive Presentations will be displayed all week in the IP Area located at the North Wing – Level +1 of the Mico Convention Center. 90 screens will be at your disposal for consultation during the whole event.

LANGUAGE

The official language of the Congress is English. Simultaneous translation will not be provided.

MEDICAL ASSISTANCE

In case of medical assistance, an ambulance with a medical equipe is located at the rear entrance of the MiCo North Level 0.

MOBILE PHONES

Delegates are kindly requested to set their mobile phones on silent mode in the Rooms where scientific sessions are being held.

NAME BADGE

A badge is required for admittance to all official Congress sessions and events, as well as the Exhibition. Each participant is asked to present the badge to gain access to the Congress. The badge must be clearly displayed.

NO-SMOKING

Smoking in the Meeting area is not allowed.

NURSERY

A space dedicated to children is available and located at South Wing – Level +1 during the days of Congress. Please note that the nursery is unmanned and free of charge, children should be accompanied by parents/caregivers.

PRAYER ROOM

A prayer room is available and located at South Wing – Level +1 during the days of Congress.

PUBLIC DAY

The IAC 2024 Public Day will take place on Friday, October 18 in the Auditorium (South Wing, Level +3) from 10:30 to 14:00. Starting from 14:30 until 16:30 don't miss the session HANDS ON EXPERIENCES outside Silver Hall (North Wing, Level +2).

Come and share your passion for astronautics during the Meetings with astronauts and the best experts in the field.

REGISTRATION

The Registration Center will be operational from October 12 to October 18 and located at South Wing – Level +1. The working hours during this period will be as follows:

October 12, 2024 → 13:00 – 18:00
October 13, 2024 → 08:00 – 18:00
October 14, 2024 → 07:00 – 18:00
October 15, 2024 → 08:00 – 17:00
October 16, 2024 → 08:00 – 17:00
October 17, 2024 → 08:00 – 17:00
October 18, 2024 → 08:00 – 13:00

Please visit the Registration Center during these hours to complete your accreditation process. If you have any further questions or need assistance, our staff will be available to assist you.

SOCIAL MEDIA

Stay up to date with the latest developments at the IAC and the latest news from IAC.

Facebook - <https://www.facebook.com/IAC2024>

Twitter - <https://twitter.com/Iac2024>

LinkedIn - <https://www.linkedin.com/company/iac-2024/>

Instagram - <https://www.instagram.com/iac2024milan/>

#IAC2024

SPEAKERS PREPARATION ROOM

The slide centre is at disposal of speakers during the following hours:

October 13, 2024 → 14:00 – 18:00
October 14, 2024 → 08:30 – 18:00
October 15, 2024 → 08:30 – 18:00
October 16, 2024 → 08:30 – 18:00
October 17, 2024 → 08:30 – 18:00
October 18, 2024 → 08:30 – 16:30

The speakers of the technical sessions must send their presentations in advance. They have the possibility to consult them in the speaker preparation room and to make changes or to submit a new presentation. The Speaker Preparation Room is located at North Wing – Level +1.

TIME ZONE

During the IAC 2024 In Italy the standard time will be Central European Summer Time (CEST; UTC+02:00).

Wi-Fi

Wi-Fi Network: IAC2024

6 CONGRESS PRACTICAL INFORMATION

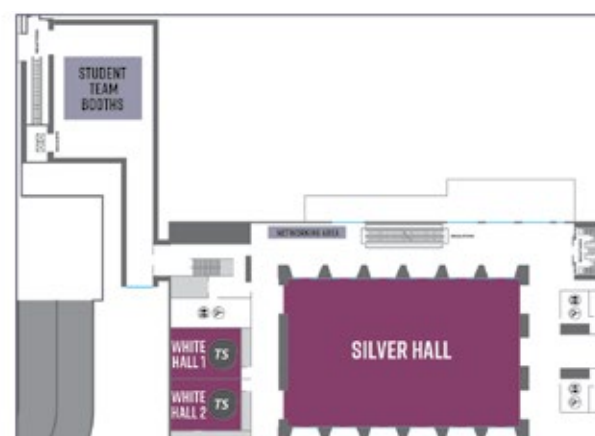
6.1 Congress Venue Floor Plans

CONGRESS VENUE

NORTH WING



LEVEL +2



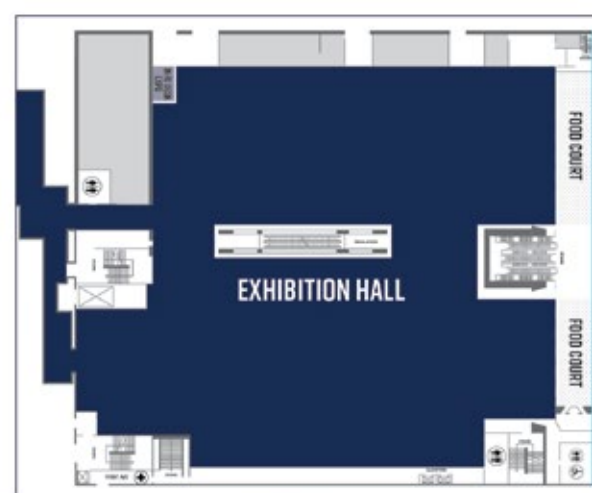
LEVEL +1



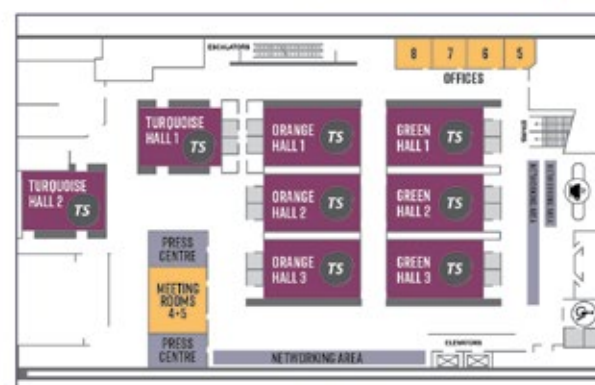
LEVEL 0
MEZZANINE



LEVEL 0



LEVEL -1



CONGRESS VENUE

SOUTH WING



LEVEL +2
MEZZANINE



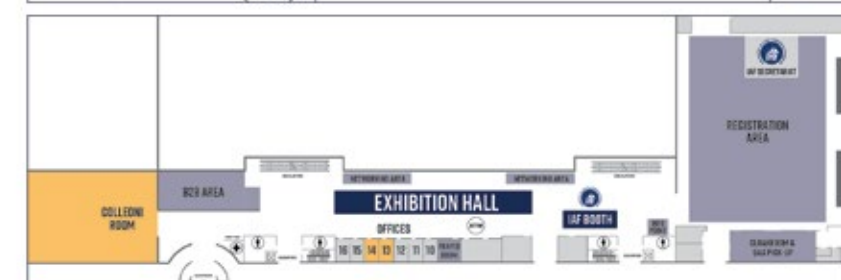
LEVEL +3



LEVEL +2



LEVEL +1



LEVEL 0



6.2 Registration

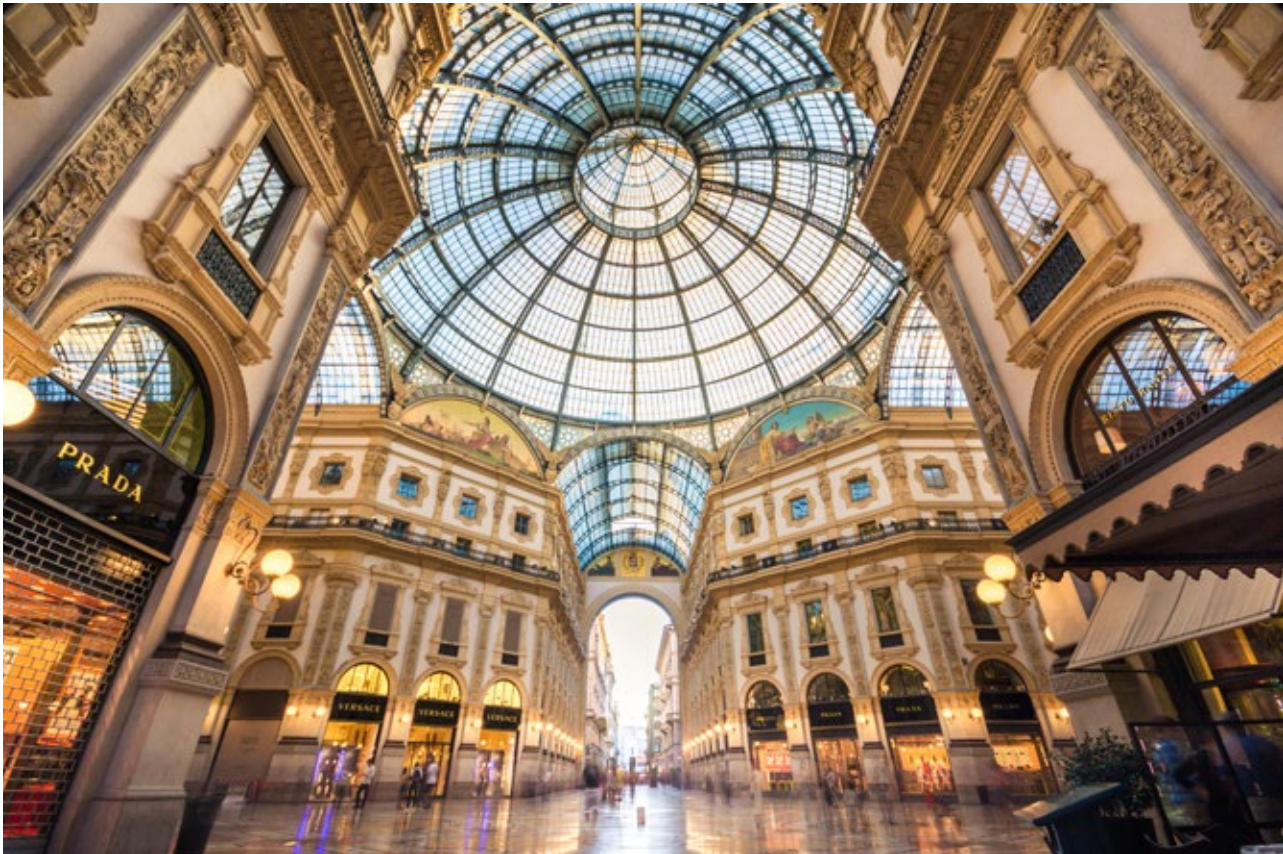
Registration hours:

	12 October	13 October	14 October	15-17 October	18 October
	Saturday	Sunday	Monday	Tuesday through Thursday	Friday
Open Timings	13:00	08:00	07:00	08:00	08:00
Close Timings	18:00	18:00	18:00	17:00	13:00

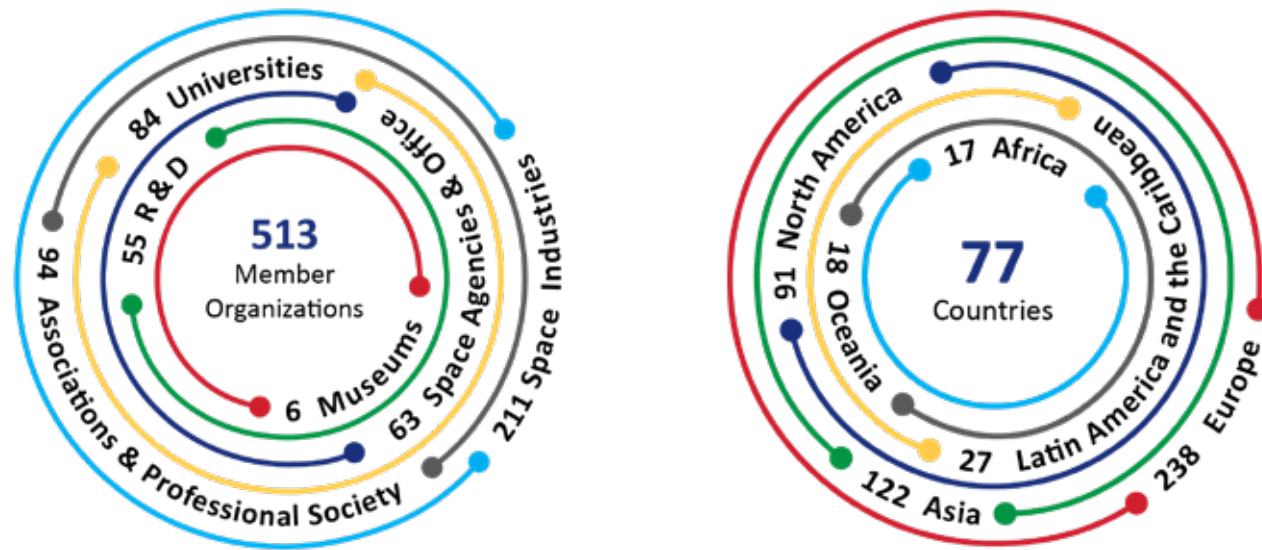
Registration fees:

Registration Category	Early € Until 8 July	Regular € Before 30 September	Late Registration € From 1 October
Delegate Non Member	1300	1500	1600
Delegate Member	1000	1200	1350
Delegate Members are full-paying Participants who are employees or elected officers of an IAF member organization or who are current members of the IAA and the IISL.			
Retired Person	580	650	720
Retired Persons are defined as no longer employed and full-time retired, (will be requested to provide a document confirming their status).			
Next Generation:			
Young Professional	440	530	640
Under 35 years of age on the day of start of the Congress			
Full-Time Student	220	260	320
Under 35 years old, proof of full-time enrolment in a recognized university on college, and ID/passport			
Primary and Secondary Level Teacher	220	260	320
Teachers must provide documentation from their organization to confirm they are educators of primary or secondary level.			
Accompanying Persons	110	120	160
The Accompanying Persons is defined as a spouse, civil partner or translator. Maximum 1 per full-paying Delegate, Retired, or Young Professional. Includes: Admission to the Exhibit Hall, Plenary Programme, the Opening Ceremony and the Welcome Reception. It DOES NOT include access to the Technical Programme.			
Accredited Press	Free of Charge	Free of Charge	Free of Charge
Accredited Press must provide ID/Passport and Press Card.			

Fees are quoted in euro (EUR), per person, including 22% Italian VAT. Should VAT increase, registration fees will be adjusted accordingly.



Join the IAF, the world's leading space advocacy body!



Become an IAF Member

- ✓ Download the Application Form on www.iafastro.org
- ✓ Participate in the IAF Committees in charge of defining the Technical Programme
- ✓ Propose to host a Plenary Event during the IAC
- ✓ Propose a Global Networking Forum (GNF) Event to showcase your organization's latest achievements or to discuss the most interesting topics about Space
- ✓ Participate and vote in the General Assembly and nominate IAF Officers
- ✓ Host one of our events!

Join Us

1 ↓

Download the **Application Form** on our website (www.iafastro.org) or request it to the Secretariat.

2 ✎

Complete the Application Form and attach the **requested documents**.

3 ✉

Send everything to our Secretariat. (info@iafastro.org)

4 🔍

We will review your application and ask in case of missing information.

5 ✓

Once reviewed, your application will be recommended by the **IAF General Counsel**.

6 👥

Final approval by the General Assembly during the IAC.

*Connecting @ll Space People
for a sustainable future*

Sponsors and Media Partners

Anchor Sponsors



Platinum Sponsors



Gold Sponsors



Silver Sponsors



Bronze Sponsors



Sponsors



Media Partners





ORGANIZER:



International Astronautical Federation

100 Avenue de Suffren
75015 Paris, France

Phone: +33 1 45 67 42 60

E-mail: info@iafastro.org

www.iafastro.org

HOST:



Italian Association of Aeronautics and Astronautics (AIDAA)

Via Salaria 851,
00138 Rome, Italy

Phone: (+39) 366 1442131

Email: info@aidaa.it

www.aidaa.it

Connecting @II Space People
for a sustainable future 

Be part of the conversation [@iafastro](#) and [#IAC2024](#)

