FITEA
Forum for Innovation, Talent and Education in Aerospace

29 - 31 October 2024
Madrid, Spain

Format
The Forum for Innovation, Talent and Education in Aerospace is organized by 'Virtual Educa' and 'Ellas Vuelan Alto', two globally impactful organizations, offers a valuable opportunity for relevant collaboration in the aerospace and educational innovation fields, especially in the development of female talent.

Promoting STEM vocations in girls is essential since they will be the future of a society where women are called to be the new leaders in the aerospace sector, which is projected to be one of the most employable sectors in 2030.

Likewise, the international final of the second edition of the Mars Challenge will be held, a "high-flying" initiative whose purpose is to inspire new generations to think beyond our planet to contribute to its improvement.

The Forum promises to be a showcase of innovation and talent by bringing together the industry with leaders, visionaries, academics, educators and young creatives in the fields of aerospace and educational innovation.
Venue
CONVENTION AND CONFERENCE CENTER
Meliá Avenida de América. Madrid Spain.
Goals

Promote innovation and knowledge
To position the event as a key reference point for cutting-edge innovations in aerospace education and technology, highlighting its fundamental role in shaping a more sustainable and advanced world by enriching the dialogue among participants, experts, and leading aerospace industry companies.

Facilitate the exhibition and recruitment of talent
Have the Talent Hub as a platform for the search for talent and exchange between companies, professionals, students, talented young people and educators, in order to promote the exchange of ideas, knowledge and innovative experiences in the fields of aerospace education and innovation.

Inspire future generations and women
Cultivate motivation and inspiration among the next generation of aerospace professionals and innovators, showcasing real-world challenges and opportunities to ignite their passion for transformative advancements by highlighting the important and necessary role of women in science.

Address critical and impact issues
Delve into the importance of aerospace education in addressing critical global issues, drawing upon the context of space exploration, by analyzing its potential impact on the future of our world, placing strong emphasis on education as a catalyst for innovative solutions and leadership formation.
Public of interest

Aerospace sector
- CEOs
- Founders
- VP Managers
- Directors and C-Lvels of Technology, Marketing, Finance, Admissions
- Heads of European and LATAM space agencies
- Aeronautical clusters
- Aerospace industry companies
- Aerospace technology
- Mobility: drones and unmanned vehicles
- Commercial aviation
- Entrepreneurs and startups

Governments and agencies
- Ministries and ministries of Education, Innovation and Science
- General directions
- Inspectors/Supervisors
- Representatives of multilateral and international agencies

Education and formation

Managers
- Rectors
- Academic vice-rectors
- Deans
- Presidents
- University-Company Directors
- Administrators
- Directors of educational centers
- Pedagogical directors
- ICT Directors
- Innovation Directors
- Academic coordinators
- University Network Managers

Companies
- Educational technology companies
- Educational innovation clusters
- Editorials
- Startups
- EdTech Platforms

Teachers and Students
- Teachers
- Educators
- Trainers
- Academics
- Researchers
- Academic advisors
- Undergraduate, postgraduate and doctoral students
- Vocational Training Students
- ESO-High school students

Civil society
- Scientific popularizers
- Educational platforms
- NGO
- Content creators
- Foundations
INTERNATIONAL FINAL MARS CHALLENGE 2024
Get ready to witness the exciting final of the Mars 2024 Challenge where, in this second edition, the most talented teams will face off in intense competition, presenting their solutions and innovations that go beyond planetary exploration, focused on a crucial problem that affects both to Earth as to Mars: guarantee universal access to drinking water and mitigate the global water crisis.

IMPACT TALKS AND CONVERSATORIES FROM EXPERTS
Immerse yourself in enriching, impactful conferences where prominent leaders will share their ideas, experiences, and visions on key topics. Learn from top experts in interactive conversations and panel discussions. These sessions will offer unique perspectives, profound insights, and innovative solutions to expand your horizons and inspire you for the future.

INTERACTIVE WORKSHOPS
Seize the opportunity to learn by doing, actively participating in practical workshops designed to enhance hands-on skills and foster collaboration among attendees, where you will intersect aerospace technology, engineering, and education.

EXHIBITION AREA
Explore the exhibition area featuring a wide variety of stands where you’ll find prominent presence of aerospace sector companies, educational technology firms, universities, training companies, and government agencies. Here, you’ll have the opportunity to interact directly with representatives from these leading organizations who are pushing innovation to new horizons.

And don’t forget to visit the Talent Hub area, dedicated exclusively to talent and creativity in this exciting field, designed to inspire and enhance your professional development.

Key components
We look forward to exploring new ideas together, challenging established concepts, and contributing to the advancement of science, technology, and aerospace education.

Forum for Innovation, Talent and Education in Aerospace
# Event format

<table>
<thead>
<tr>
<th>Main room</th>
<th>Plenary room where the main activities will take place:</th>
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<tbody>
<tr>
<td></td>
<td>- Opening and Closing</td>
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<td>- Impact talks and conferences</td>
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<td>- Round tables and panels</td>
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<td>- Mars Challenge</td>
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<td>Rooms</td>
<td>Adjacent rooms (2) for carrying out more practical activities:</td>
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<td></td>
<td>- Presentations</td>
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<td>- Workshops</td>
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<td>- Panels</td>
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<td>- Presentations</td>
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<tr>
<td>Exhibition area</td>
<td>An expo area that will feature the following zones:</td>
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<td>- Aerospace Area</td>
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<td>- EdTech Area</td>
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<td>- Startups Area</td>
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<td>- Talent Hub</td>
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<td>- Networking Zone</td>
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<td>- Pitching Corner</td>
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### Exhibition

<table>
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<tr>
<th>Area</th>
<th>Description</th>
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<tr>
<td><strong>Aerospace Area</strong></td>
<td>Area with stands from companies and government agencies in the aeronautical sector, showcasing the latest advancements and technologies in space exploration and the aerospace industry.</td>
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<tr>
<td><strong>EdTech Area</strong></td>
<td>Stand area for educational technology companies, universities, training and educational administration companies. It is the place to explore how technology is transforming teaching and learning and its contribution to aerospace education.</td>
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<tr>
<td><strong>Startups Area</strong></td>
<td>Area with small stands of innovative emerging companies that contribute their disruptive ideas and explore new horizons in different sectors.</td>
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<td><strong>Talent Hub</strong></td>
<td>This area serves as a meeting point with industry leaders, where pitching sessions are conducted, and additionally, networking opportunities are provided for the recruitment of participants’ talent.</td>
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<tr>
<td><strong>Networking Zone</strong></td>
<td>Space intended to connect with experts, speakers and industry leaders to exchange ideas, establish new connections and plan collaborations.</td>
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<tr>
<td><strong>Pitching Corner</strong></td>
<td>Designated space for commercial presentations, showcasing new ideas and research, or small-scale lectures.</td>
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Expected impact

- 1,500 In-person attendees
- 20,000 Virtual attendees
- 20 Countries
- 25 Government agencies and international multilateral organizations
- +100 Speakers
WOMEN, SPACE AND SCIENCE

Taking off towards equality and passion for science.

In this thematic block, we explore human curiosity, fostering a passion for scientific knowledge, embarking on a journey toward understanding the fundamental role of science in our modern society. It calls upon us to value scientific vocations, to strive for equal opportunities, to address the challenges that we as human beings face in this, the space age, and to empower women to claim their place among the stars.

**Keywords:** women, space, science, technology, equality, challenges.

**Topics**
1. Challenges for women in aerospace science
2. Implementation of educational policies and strategies that promote gender equality in aerospace STEM, from education to the global level
3. Strategies that encourage women’s passion and interest in aerospace sciences from an early age
4. Mentoring and support networks that promote the professional and academic careers of women in aerospace science, helping them overcome challenges and achieve their professional goals
5. Challenges in the aerospace age: conquering horizons and designing new professions

AEROINNOVATION

Forging the future through innovation and talent

Pioneering area dedicated to the convergence of entrepreneurship in the aerospace industry, showcasing talent and skill development. It provides a dynamic space for startups to present bold ideas in the new aerospace economy, celebrating the diverse spectrum of professionals driving these innovations, and allowing participants to network with aerospace industry leaders.

**Keywords:** innovation, talent, entrepreneurship, leadership and aerospace skills.

**Topics**
1. TalentSpace: talent as the engine of innovation
2. SkillsSet: development of aerospace skills for the future
3. Entrepreneurship and Startups in the new aerospace economy.
4. The importance of leadership: preparing the leaders of the future
5. New training programs for new professional approaches
Tracks

**NEW FRONTIERS**
*Exploring the new frontiers of knowledge*

New Frontiers invites pioneers to dive into the technological revolution that is transforming our present, highlighting the forefront of AI and robotics, with the latest in machine learning and advances in aerospace mobility, as well as drone technology, fostering discussions on innovation, ethics, and the future of intelligent machines.

**Keywords:** AI, drones, robotics, cutting-edge technologies, mobility, sustainability.

**Topics**
1. Preparing for the future: AI and Robotics
2. AI regulation as an opportunity to overcome challenges and ensure ethical use.
3. Sustainability: the great challenge of not compromising the future
4. Technological advances and challenges with drones: creating professionals
5. Advanced air mobility: exploring new futures

**AEROEDUTEC**
*Shaping the future where Education takes off beyond the Classroom.*

AeroEducTec sits at the intersection of education and aerospace technology, redefining how knowledge is imparted and absorbed. It fuses the excitement of space with STEM education, offering experiences that transcend traditional learning environments through innovative teaching methods and preparing educators and students to explore the universe while fostering a passion for lifelong learning in the sciences.

**Keywords:** aerospace training, STEM, learning environments and ecosystems.

**Topics**
1. Learning from aerospace models: the astronaut within us
2. Taking off with educational technologies: highly efficient ecosystems
3. STEM: Methodologies that promote scientific thinking
4. Interdisciplinary collaboration in solving scientific challenges and research
5. The knowledge route: learning environments beyond the classroom
Contact us:

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Website

🌐 fitea.org
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