

SPACEFEST 2025 AGENDA

Day 1 May 9th 2025 Campus POLITEHNICA Bucharest

10:00 am – 12:00 pm | **Opening Ceremony – SpaceFEST 2025**, Aula Magna, POLITEHNICA Bucharest

Speakers:

Mihnea COSTOIU, Rector of the National University of Science and Technology POLITEHNICA Bucharest

Tudor PRISECARU, President of the Senate, POLITEHNICA Bucharest; Vice President, National Authority for Research

Daniel-Eugeniu CRUNȚEANU, President of ROSA and Dean of the Faculty of Aerospace Engineering, POLITEHNICA Bucharest

TBC, European Space Agency
TBC, U.S. Embassy in Romania

Astronaut Panel

Moderator: Daniel-Eugeniu CRUNȚEANU

Guests:

Daniel Michio Tani, NASA Astronaut

Yi So-yeon, South Korean Astronaut

12:00 am – 1:30 pm | Meet & Greet, Autograph Signing, Rectorate, POLITEHNICA Bucharest

10:00 am – 4:00 pm | Drawing/Painting Exhibition – "Space" themed art contest, BN Hall, Rectorate

10:00 am – 4:00 pm | Planetarium Screenings for Children, Rectorate

10:00 am – 4:00 pm | Solar Observations by "Amiral Vasile Urseanu" Astronomical Observatory team, Campus Square

10:00 am – 4:00 pm | Space-themed Experiments by the Institute of Space Science, Rectorate

10:00 am – 4:00 pm | Technology & VR Experiments by the UMF Space Medicine Unit, Rectorate

10:00 am – 4:00 pm | Meteorite Exhibition & Hands-on Activities by the Romanian Academy Astronomical Institute, Rectorate

10:00 am – 4:00 pm | Solar Observations, Demos & Astronomy Workshops by "Știință și Tehnică", Campus Square

10:00 am – 4:00 pm | Space-themed Exhibitions & Workshops by the Romanian Society for Meteors Astronomy, Rectorate

10:00 am – 4:00 pm | Young Engineers Workshops, Rectorate

10:00 am – 4:00 pm | Terra Salin & Mimo Club Workshops, Rectorate

11:00 am – 12:00 am | 1:00 pm – 2:00 pm | 3:00 pm-4:00 pm | Rocket Building Workshop

11:00 am | 1:00 am | 3:00 pm | Rocket Launches

12:00 am – 1:00 pm | 2:00 pm – 3:00 pm | 3:00 pm – 4:00 pm | Aeromodel Workshops

10:00 am – 11:00 am | 11:00 – 12:00 pm | 1:00 pm – 2:00 pm | 2:00 pm – 3:00 pm | SpaceCraft Workshops

10:00 am – 4:00 pm | Cardboard Airplane Workshop for Students

10:00 am – 4:00 pm | Drone Flying Demonstration

10:00 am – 4:00 pm | SpaceFEST Trivia Game

10:00 am – 4:00 pm | Air Show – Sky Spectacle, Ground Adrenaline!

10:00 am – 4:00 pm | Drone Demonstrations (every 30 minutes), under the dome, Rectorate

11:00 am – 4:00 pm | Technology & Experiment Exhibits by the Romanian Academy Astronomical Institute, Rectorate

10:00 am – 4:00 pm | Family-friendly Space Technology & Activities Expo, across the Campus

Partner Company Booths -Innovative Technologies
Space Tours, Flight Simulators
VR & AR Experiences, 3D Printers
Space Art Exhibitions, 3D Space Views
Astronaut Suits for Kids
Model Planes, Helicopters

5:00 pm – 6:00 pm | Alumni Networking @ SpaceFEST 2025, Senate Hall

Day 2
May 10 2025
Campus POLITEHNICA Bucharest

10:00 am – 12:00 pm ∠ Panel/debate, AN010 POLITEHNICA București

Daniel Michio Tani, NASA Astronaut
Yi So-yeon, South-Koreean Astronaut

12:00 am– 1:30 pm ∠ Meet&Greet, Autograph Signing, Rectorat POLITEHNICA București

1:00 pm- 2:00 pm | Astronomy workshop led by astronomer Adrian Șonka, Admiral Vasile Urseanu Astronomical Observatory, Senate Hall

2:00 pm- 3:00 pm | Lecture for aspiring young pilots – Flight Camp, Mihai Sturzu, Captain Pilot Airbus A320/A321 / Instructor for ultralight aircraft, AN010

10:00 am – 4:00 pm | Drawing/Painting Exhibition – "Space" themed art contest, BN Hall, Rectorate

10:00 am – 4:00 pm | Planetarium Screenings for Children, Rectorate

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Space Art Exhibitions, 3D Space Views

Astronaut Suits for Kids

Model Planes, Helicopters

Day 3
May 11 2025
Campus POLITEHNICA Bucharest

10:00 am – 12:00 pm ∠ Panel/debate, AN010 POLITEHNICA București

***Daniel Michio Tani**, NASA Astronaut*
***Yi So-yeon**, South-Koreean Astronaut*

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Day 4
May 12 2025
European Summit SpaceFEST 2025
10:00 am-5:00 pm, Palace of the Parliament, Nicolae Bălcescu Hall

*Organized in partnership with the Romanian Space Agency (ROSA), with the support of the European Space Agency (ESA), the Government of Romania, and the U.S. Embassy in Romania, the **European SpaceFEST 2025 Summit** will take the form of scientific panels and aims to explore new horizons in the aerospace industry in Romania and Europe. The Summit also focuses on the development of space education within higher education institutions, including curriculum development, hands-on learning, and interdisciplinary collaboration, with an emphasis on diversity and industry engagement.*

AGENDA

10:00 am – 10:45 am | Panel 1 | Aerospace Education: Strategic Alliances Between Industry, Research, and Academia

This panel addresses the role of collaboration between universities, aerospace companies, and research institutes in developing essential skills for the space sector. We'll discuss modern curricula, applied learning, and interdisciplinary initiatives that prepare the next generation of space professionals.

11:00 am – 11:45 am | Panel 2 | The Astronaut Perspective: Leadership, Resilience, and Decision-Making in Extreme Environments

Astronauts operate in some of the most demanding and unpredictable conditions imaginable, where every decision can have life-or-death consequences. This panel explores what authentic leadership means under extreme pressure, how trust is built within a team, and what we can learn from space to navigate uncertainty and complexity here on Earth — in business, research, healthcare, or public policy.

12:00 pm – 12:45 pm | Panel 3 | Health in Space: How Artificial Intelligence Is Transforming Medicine in Orbit and on Earth

Artificial intelligence is redefining medicine in extreme environments — from diagnostics to interventions without direct human presence. We'll discuss how innovations developed for space missions can revolutionize healthcare on Earth, especially in overstressed, remote, or specialist-scarce systems.

12:45 pm – 2:00 pm | LUNCH BREAK

2:00 pm – 2:45 pm | Panel 4 | Space for All – How Space Technologies Impact Our Daily Lives

The space industry is no longer reserved for government agencies or major economic powers. Expanded access to orbital infrastructure and private sector innovations are making space an integral part of the global economy. From telecommunications and precision agriculture to disaster management and environmental monitoring, space technologies are increasingly shaping everyday life

3:00 pm– 3:45 pm | Panel 5 | Innovation and Technological Progress in the Aerospace Industry

This panel explores technological advancements in the space sector, highlighting the achievements of the Romanian industry in national and international programs (ESA, EUSPA, EU, etc.). We aim to showcase cross-sector collaborations and partnerships that drive technical progress and innovation in aerospace.

4:00 pm – 4:45 pm | Panel 6 | Romania’s Contributions and Perspectives in Space Activities: Collaboration and Innovation at European and Global Levels

The final panel will highlight Romania’s perspectives in space exploration and resource utilization, emphasizing the importance of collaboration and synergy in European and global initiatives for the development of the space domain.

SpaceFEST 2025 Gala
7:00 pm -11:00 pm, Romanian National Opera Bucharest

The SpaceFEST Gala will take place on May 12, from 7:00 PM to 11:00 PM, at the Romanian National Opera in Bucharest. The Gala is an invitation-only event for sponsors, partners, representatives of companies in the space industry, government officials, and representatives of aerospace agencies, and aims to celebrate academic excellence and the future of space exploration.

Program:

7:00 PM – 8:00 PM: Festive Ceremony (award ceremony, short speeches, surprise moments)

8:00 PM – 9:00 PM: Artistic Program (conducted by Choir Master Daniel Jinga)

9:00 PM – 11:00 PM: Cocktail & Networking