



PRESS RELEASE

EuroSpaceHub at the New Space Economy European Expoforum with Lunex. A booth dedicated to the project at Fiera di Roma, from December 1st to 3rd

Rome, 29th November 2022.

The EuroSpaceHub project comes to Italy with a dedicated stand at the Fiera di Roma, during the fourth edition of the New Space Economy European Forum, from December 1st to 3rd. Throughout the event it will be possible to meet EuroSpaceHub representatives at the exhibition area of the Fair, which will be set up inside Pavilion 9.

EuroSpaceHub: a European project to foster aerospace collaboration and innovation

EuroSpaceHub was born from the collaborative efforts of six different international partners, including three universities and two private companies. Among the founders are: the International Space University (ISU), Universidad Complutense de Madrid, Vilnius Gediminas Technical University, Igor Sikorsky Kyiv Polytechnic Institute, the Lunex Foundation and Collabwith, both based in the Netherlands.

The project is funded by the EIT HEI initiative, led by EIT Manufacturing and EIT Raw Materials. The EIT HEI initiative - Innovation Capacity Building for Higher Education - is a joint activity of the EIT Community coordinated by EIT RawMaterials. The initiative is a key objective of the European Institute of Innovation and Technology (EIT) as part of its new strategy, the EIT Strategic Innovation Agenda 2021-2027.

EuroSpaceHub is a European ecosystem to foster innovation, and it was created to digitally connect academia and research with industry and startups in the Space sector. The project will enable these actors to connect easily with the financial opportunities

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offered by the Horizon Europe framework, the venture capital program and the InnovFin initiative. EuroSpaceHub will bridge the gap between academic institutions and industry using a collaborative mindset and entrepreneurship programs within universities.

What are the goals of the EuroSpaceHub project?

1. **Learning and training:** creating of a new educational program for young entrepreneurs in the aerospace sector, fostering in them a collaborative mindset;
2. **Collaboration and networking:** fostering exchange between universities and industry in the aerospace sector through a digital platform EuroSpaceHub, which will promote collaboration and enhancement of technology transfer;
3. **Communication and dissemination:** connect events and opportunities in Space with students and non-academic staff to attract professionals (from both aerospace and other disciplines) to participate in innovation workshops, astronaut training analog missions, Space Instruments and Testing training.

EuroSpaceHub in Rome with its partner Lunex and the "Analog Astronauts"

Two analog astronauts, Serena Crotti and Kato Claeys, will also be present at the booth throughout the event. The two "ground-based" astronauts have participated in EMMPOL analog missions and will be at the exhibit booth representing the EuroSpaceHub project and partner Lunex. They will be available to tell young students and professionals about their experience as analog astronauts.

The Lunex Foundation was founded by and is currently headed by Prof. Bernard Foing, formerly a scientist at the European Space Agency (ESA) and Principal Project Scientist of SMART-1, the first European mission to the Moon. As an organization active in aerospace research, Lunex makes it its mission to train young students and professionals.

What are the "analog missions"?

Analog missions are simulations of Space missions which are conducted realistically on the ground with crews of astronauts. Lunex has an established track record with organizing such missions, both in remote locations (such as those at the HI-SEAS base on Mauna Loa Volcano, Hawaii) and in simulations with a focus on intravehicular activities (such as the EMMPOL missions, which are organized in Poland in cooperation with the Analog Astronaut Training Center).

During these missions, young students and researchers practice soft skills, ranging from technical and scientific skills - which are gained through the activities, protocols, and

experiments conducted during the missions - to soft skills, such as interpersonal coexistence within the group in confined and hostile environments, resilience, problem solving and stress management skills.

The analog missions are part of the EuroSpaceHub project as a "field-based" education and training program that allows students and young professionals to expand their skills and knowledge in innovative ways.

EuroSpaceHub partners in short

VILNIUS GEDIMINAS TECHNICAL UNIVERSITY (VILNIUS TECH)

It is a leading higher education institution situated in Vilnius, Lithuania. Established in 1956, VILNIUS TECH is one of the biggest research universities in the country, with a strong emphasis on technologies, engineering and university-business cooperation.

INTERNATIONAL SPACE UNIVERSITY (ISU)

Since its founding in 1987, ISU has graduated more than 5000 students from over 110 countries. ISU is located in Strasbourg, France. Together with hundreds of ISU faculty and lecturers from around the world, ISU alumni comprise an extremely effective network of Space professionals and leaders that actively facilitates individual career growth, professional activities and international space cooperation.

COMPLUTENSE UNIVERSITY OF MADRID

Complutense University of Madrid was founded by Cardinal Cisneros as a result of the "Inter cetera" Papal Bull granted by Pope Alexander VI on 13 April 1499. The Central University was established on 3rd October 1822, covering the studies of the literary University in Alcalá, of San Isidoro and of the Natural Sciences Museum.

COLLABWITH GROUP

Collabwith is a startup located in Amsterdam since 2018. Collabwith is a digital platform for innovation ecosystems for open innovation and collaboration. It has a holistic perspective of innovation from their own methodology and proprietary software to connect communities and automatically match needs and challenges with knowledge and technology in the Collabwith platform and beyond current innovation ecosystems in Europe.

LUNEX, THE LUNAR EXPLORERS SOCIETY

Lunex was formed during the 4th International Conference on the Exploration and

Utilisation of the Moon (ICEUM4), organized by the International Lunar Exploration Working Group (ILEWG) held at the European Space Agency's Technology Research Centre (ESTEC), in Noordwijk, The Netherlands, on 14th July 2000. The Lunex Foundation is headed by Prof. Bernard Foing, formerly a scientist at the European Space Agency (ESA) and Principal Project Scientist of SMART-1, the first European mission to the Moon. As an organization active in aerospace research, Lunex makes it its mission to train young students and professionals.

IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE (KPI)

KPI is a public technological university located in Kyiv, Ukraine. The institute was founded in 1898 as the Kiev Polytechnic Institute of Emperor Alexander II. At that time, it had four departments: Mechanical, Chemical, Agricultural, and Civil Engineering. Today, the University has 16 faculties, 11 educational and scientific institutes, several scientific and research institutes and educational centers. It trains Bachelors, Specialists and Masters, PhD and Doctors of Science. KPI's mission in short: "To make a significant contribution to sustainable development of society through internalization and integration of education, research and innovation development. To provide conditions for all-round professional, intellectual, social and creative development at the highest levels of excellence in education and research area."

Extra resources

Official website of EuroSpaceHub: <https://www.eurospacehub.com/>

Official website of EIT HEI: <https://eit-hei.eu/>

Podcast episode with Lunex CEO Prof Bernard Foing <https://www.eurospacehub.com/?p=165>

Podcast episode with analog astronauts <https://www.eurospacehub.com/?p=414>

EuroSpaceHub Social Media

Instagram <https://instagram.com/eurospacehub?igshid=YmMyMTA2M2Y=>

LinkedIn <https://www.linkedin.com/company/eurospacehub/>

Mastodon <https://mastodon.uno/@eurospacehub>

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