

Space Renaissance for All



Prof Bernard Foing, SRI president
CEO Lunex SpaceHub EuroMoonMars
Living in Space , 13 Nov 2025

Space Renaissance International: Our Mission

- ◆ SRI promotes the **expansion of civilization into outer space**;
- ◆ SRI **connects Aerospace and New Space companies, individuals, institutions and space agencies** to boost technological development for civil expansion into space;
- ◆ promotes **economic, cultural, political relationships** between its members and their services, products and capitals;
- ◆ develops **education and outreach initiatives worldwide**, integrating science, philosophy, arts
- ◆ new vision and **perspective of an open world**, a Solar Civilization, including the geo-lunar space and beyond, our whole Solar System.



2021 SPACE RENAISSANCE CONGRESS "CIVILIAN SPACE DEVELOPMENT" FINAL EVENT PARTY!



SRI action plan focus 2021 - 2025

Abstract from the 2021 Congress Final Resolution:

<https://2021.spacerenaissance.space/wp-content/uploads/2021/07/Final-Resolution-Final-approved.pdf>

- **Going forward to the Moon**
- **Develop proper industrial infrastructure to produce fuel in space**
- **Space debris recovery and reuse.**
- **Enhance life protection in space.**
- **Start experimenting with simulated gravity.**
- **Target younger generations**
- **Supporting the development of 100% reusable space vehicles.**
- **Produce food in space.**
- **Space Safety. Protection**
- **Support the space tourism industries**
- **Space Based Solar Power.**
- **Support space related art**
- **To add an 18th SDG, bootstrap the civilian space development -> Space4All on Earth and Beyond**

SUSTAINABLE DEVELOPMENT GOALS & SPACE4ALL SDG18



EuroSpaceHub Consortium funded by EU HEI EIT



EuroSpaceHub Consortium

Our Partners

[Website](#) [Platform](#)

- Funded by EU, within the **EIT-HEI Initiative**, EIT Manufacturing and Raw Materials
- Five **founding members**: VilniusTech, International Space University, Universidad Complutense de Madrid, Collabwith Group, Lunex Foundation

Space4All EuroMoonMars Earth Space Innovation Academy

Astronautics hands-on training	Theoretical , experimental and interdisciplinary projects training		
	Scientific / Technical	Humanities & Social Sciences	Management/business
	Analog / survival mission		
	Smart Habitat Operations		
	Diving / Sports		
	Zero-G		
	High-G centrifuge Hypobaric chamber		
	Rocket workshop		
	Scientific / Technical	Humanities & Social Sciences	Management/business
	Space Science, Astrophysics, Planetary	Human medical aspects	Business & economics
	instruments, Photonics, rovers, cubesats	Humanities, history	Mission / Project / Budget management
	Space Technology	Cooperation, diplomacy	Sponsorships / Career/startups
	Space systems engineering	Art, design & space	Data management / programming
	Space Architecture, Interior & Industrial Design	Socio-politics , inclusion, space4all	Sharing the education / public communication, TV

Payload & Cubesats Lab Tests & Development

- ◆ Cameras (eg AMIE, HRSC, ExoMars pancam, future)
- ◆ Spectrometers (reflectance, Raman, hyperspectral imaging)
- ◆ Soil Sample analysis
- ◆ Telescopes (Earth, ILOA, radio)
- ◆ Rovers and cooperative robotics
- ◆ ExoGeoLab lander (for Icy Moon(s))
- ◆ Ice/organics extraction Icy Moon(s)
- ◆ Shoebox instruments
- ◆ Earth Moon Education Cubesat
- ◆ COSPAR PEX instruments/cubesats
- ◆ Teleoperations and Data Networks

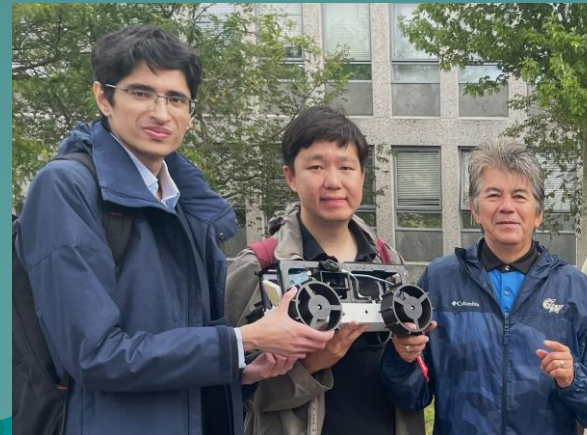
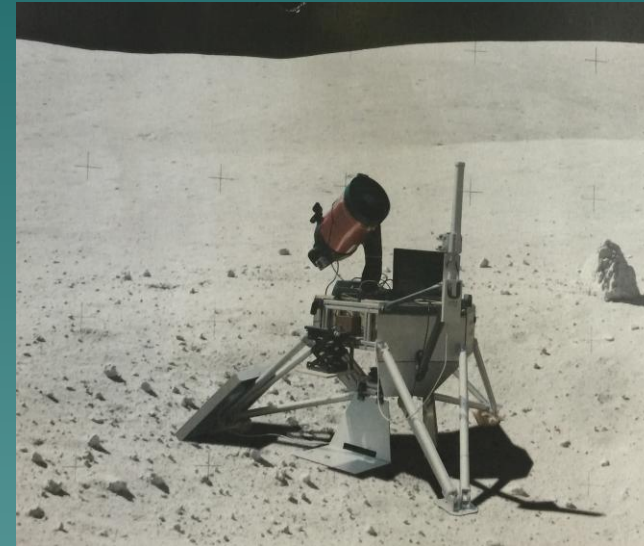


Figure 1 - The sample of CubeSats developed in differ

Technology Resources : Cooperative Instruments & robotics



Education
Cubesats:
training,
research,
technology,
team building,
cooperation,
applications,
business,
cooperation,
emerging
users,
space4all



LUNEX

CubeSat Project

EMEC Earth Moon Education Cubesat

Earth and Moon Observations; Spectral imaging

Special Project manager: Mojtaba Raouf
Co-founder: Prof. Bernard Foing

Team members:

Graduated - BSC



Ulrich Sonou



Alex Rinon



Ethan Woest



Bowen Cameron

Msc



Panin Ananwatanyoo



Pratheek Ranjan Mitra



Emma Bibollet



Christina Irakleous



Dr. Mojtaba Raouf



Prof. Bernard Foing

Scientific advisors:

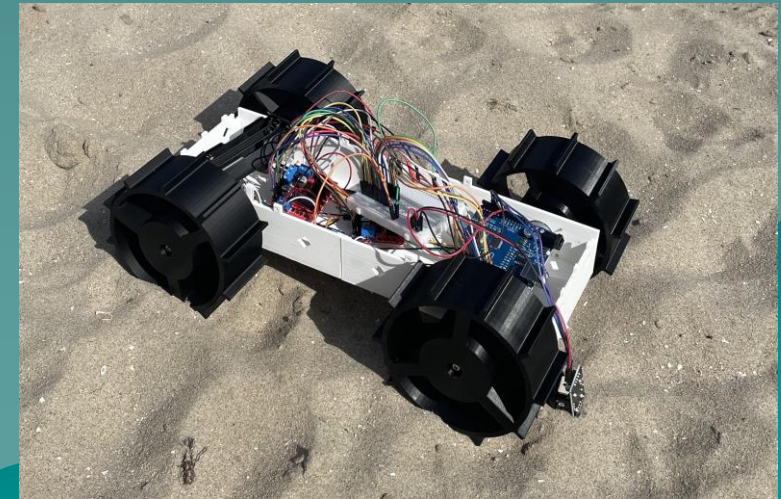
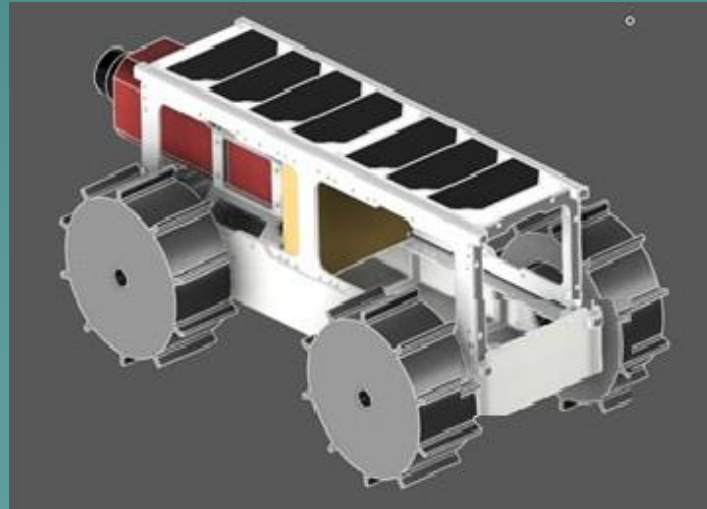
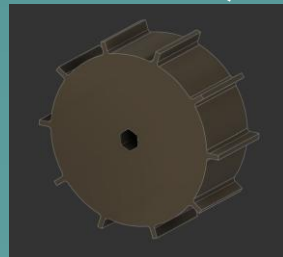
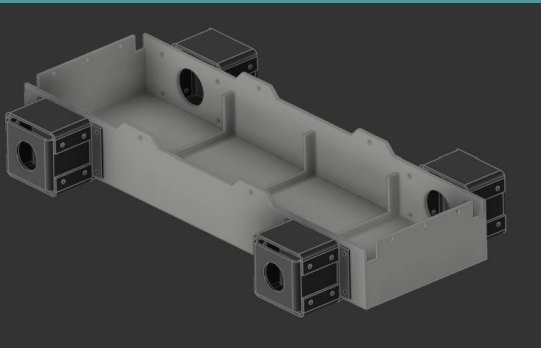
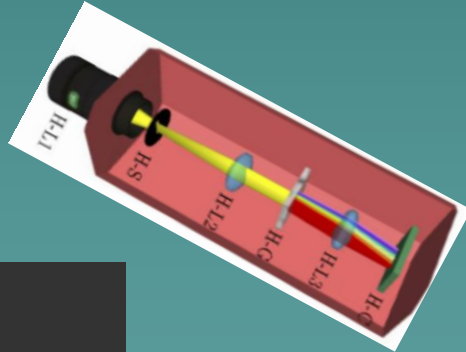
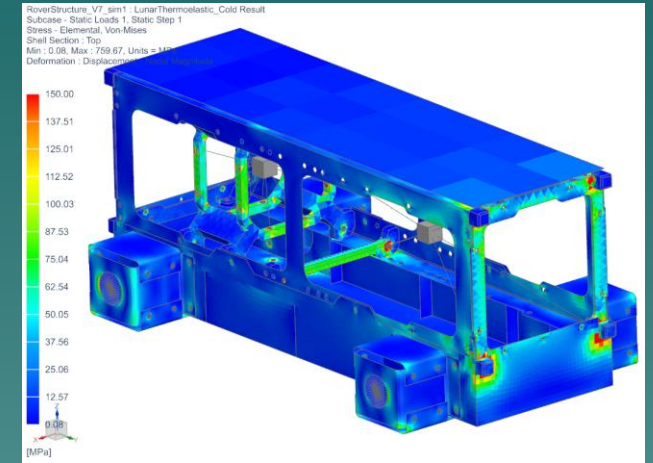
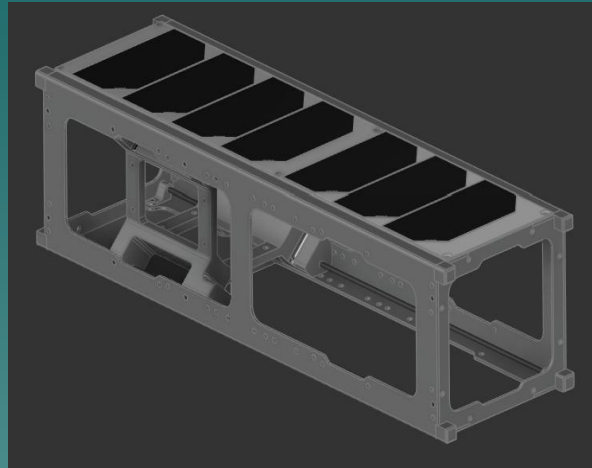
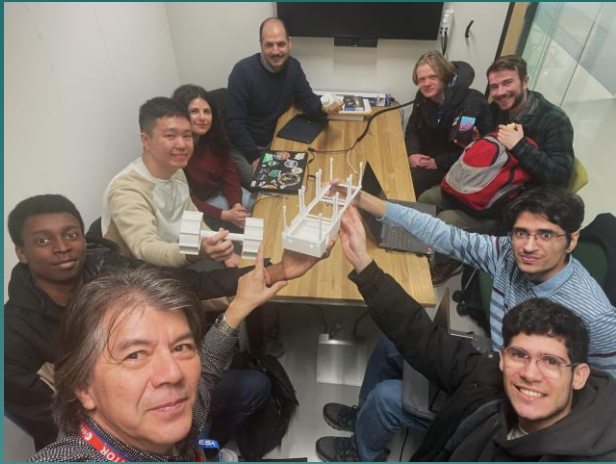


Dr. Vahid Yaghoubi



Prof. Bernhard Brandle

Design and Analysis of a CubeSat-based Rover for Hyperspectral Camera Imaging



EMMPOL1- 25 EuroMoonMars Poland AATC 2021-2025



ExoSpaceHab-Xpress Moonlab, Padova - Paris - BIC Noordwijk - Leiden - Auvergne - Grenoble – Leiden 2023-25

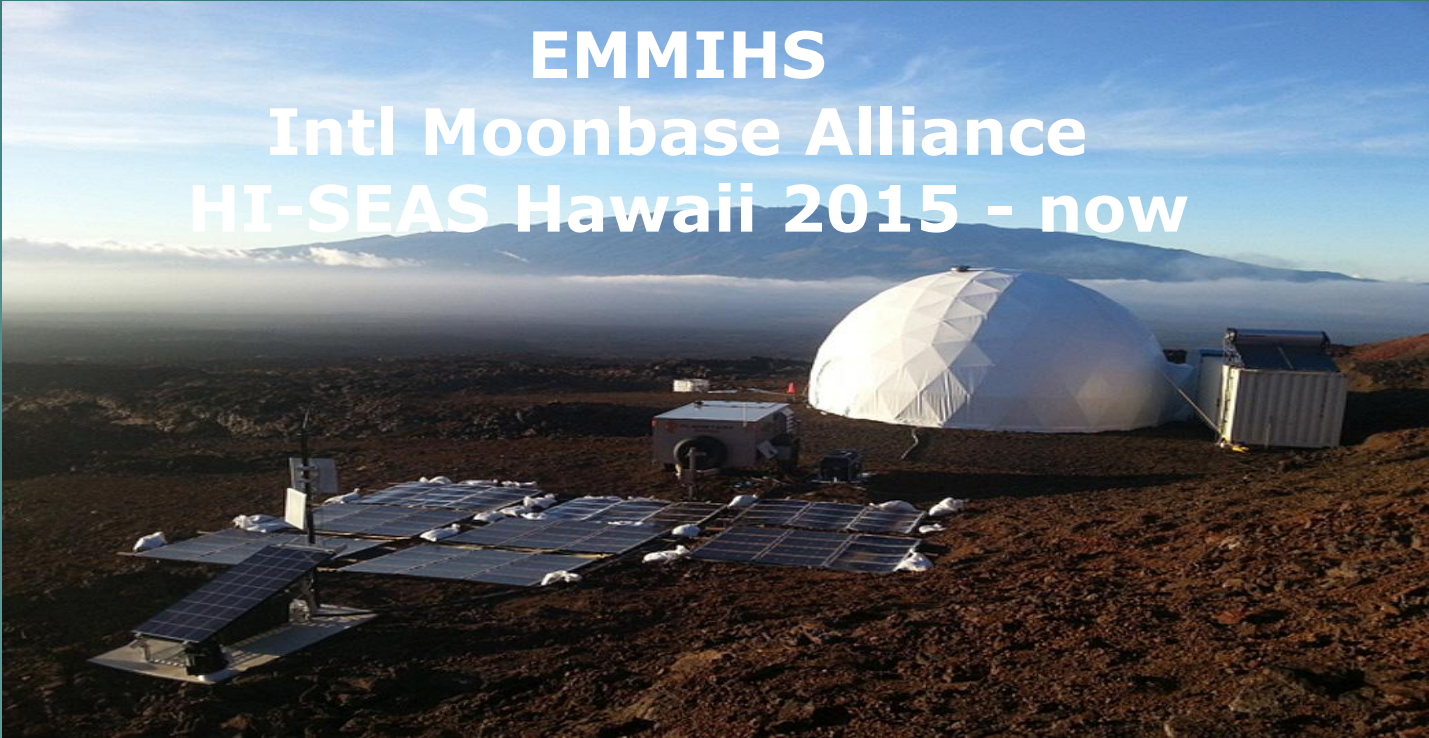


MOON MARS ANALOGUE
CAMPAIGNS

Etna
2017, EMM 2021,
2022 ARCHES



UTAH
MDRS
2009- now



EMMIHS
Intl Moonbase Alliance
HI-SEAS Hawaii 2015 - now



Atacama desert, Chile



Iceland
2017-now



MOONGALLERY TEST FLIGHT In ISS CUPOLA

Launch 19 Feb 2022,
Wallops Islands
Retrieved in January 2023

8x8 samples
Each Artefact is 1cm³

BF was Inspired by Astrobiology
Foton Biopan 2005 and
EXPOSE-ISS experiments !

-> Space4All Exploration Gallery
2025



Space Renaissance 4 All Gallery artscience tray (+ partners tray)

- ◆ Science:
Astrobiology with
scientists,
meteorites, Earth
Analogue samples
- ◆ Art: 20 space artists,
MoonMars Museum,
MoonGallery
ArtMoonMars, Art4EO
- ◆ Partners: 40
organisations
- ◆ Launched 23 June
2025 with SpaceX ,
Nyx capsule

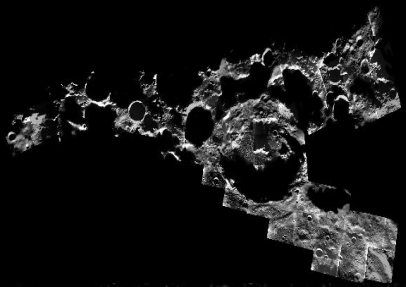


GLEX ILOA New Delhi India May 2025



SRI at Shanghai Conf International Exchange of Professionals





Space SDG18 Initiative and partnerships

Data Analysis from previous Missions

Participation to instruments, Cooperative robotics

Participation to Space Missions

Analogue Field Campaigns EuroMoonMars -> EarthMoonMars

EuroSpaceHub Academy: EarthMoonMars Astronautics Training

Advocacy, Policy, Humanistic aspects with Space Renaissance SRI

Cultural, Art & Society aspects with ITACCUS & SRI-Art

Space4All events in 2024-2026

Exploration & Space4All events 2025, INT AP EU US

- ◆ Jan 7-10 Macau Space Planetary
- ◆ Feb 3-12, Vienna UN COPUOS STC
- ◆ Feb 5-8, Rabat Morocco AMESC
- ◆ Mar 3-7, Rorkee India planetary
- ◆ Mar 10-14, Houston LPSC
- ◆ Mar 24-27, Paris IAF spring
- ◆ Apr 24 Shangai Space Congress
- ◆ Apr 28-30 Vienna EGU/May 5-16 UN legal
- ◆ May 7-9 Delhi GLEX +galaxy Forum
- ◆ May 19-21 Lux, 21-23 PL Space Resources
- ◆ June 13-14 Catanzaro SRI conference
- ◆ Jun 21, CA SpaceX, Launch Nyx /SR4All
- ◆ Jun 19-22, Orlando ISDC
- ◆ Jul-Aug 22, Seoul KOR ISU SSP
- ◆ Jul 14-20 UN Intl MoonDay UAE KOR
- ◆ Jul 27-Aug 1, S'Pore AOGS
- ◆ Sep 4-5, Hefei, IDSEA conference
- ◆ Sep 8-10 Jiaxing, MNS25
- ◆ Sep 7-12, Helsinki, EPSC/DPS
- ◆ Sep 29-Oct 3 Sydney, AUS, IAC
- ◆ Oct 19-25 Shangai CIEP
- ◆ Oct 27-29 London Reinventing Space
- ◆ Nov 3-7, Cyprus COSPAR explo symp
- ◆ Nov 20-23, Riga Space Photonics WS
- ◆ Nov 17-18 Vienna UN Lunar
- ◆ Nov 18-19 SpaceTech Bremen
- ◆ Nov 27-29 Hong Kong ISSSP payload

