

SPACERAISE
THE INTERNATIONAL SUMMER SCHOOL
FOR SPACE STUDIES AND INTERDISCIPLINARY APPLICATIONS
L'AQUILA, ITALY 04-22 MAY 2026



SPACERAISE

The International Summer School
For Space Studies and
Interdisciplinary Applications

Presented by:
Francesco Basciani - *Scientific Coordinator*

What is SPACERAISE

SPACERAISE is an international summer school



Connects **space science, technology, and social sciences**



Provides **three thematic weeks** of training in Italy



Brings together **experts from academia, space agencies, and industry**

Program Structure



Networking Session
and Social Event
for each Week

May 4–22, 2026
GSSI – L'Aquila, Italy

Three Thematic Modules

Robotics for Space

Week #1 | **Monday, May 4 → Friday, May 8** | Auditorium - Palazzo del Rettorato, GSSI.

This module will discuss aspects of programming and safety strategies for space exploration robots. Additionally, use cases of robots in space will be considered, both for exploration and for maintenance.

Artificial Intelligence for Space

Week #2 | **Monday, May 11 → Friday, May 15** | Auditorium - Palazzo del Rettorato, GSSI.

This module will discuss the use of Artificial Intelligence onboard satellites, addressing issues related to safety, and software certification in compliance with safety standards. Examples of AI applications that will be covered include predictive maintenance, image recognition, anomaly detection, remote sensing, and more.

Geospatial Data and Quantitative Analysis in Social Science

Week #3 | **Monday, May 18 → Friday, May 22** | Auditorium - Palazzo del Rettorato, GSSI.

This module provides lectures on cutting-edge research and hands-on training in analysing geo-observational and sensor data for economic and geographic research, with applications to social science questions, including disaster response, urban development, land-use, and migration patterns.

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Confirmed Speakers - With more to be announced



Nico
Hochgeschwender
University of Bremen



Private: Marie Farrell
University of Manchester



Gianluca Filippone
GSSI



Giovanni Campolo
Thales Alenia Space Italia



Gauthier Picard
ONERA



Ricardo Caldas
GSSI



Private: Anastasia
Mavridou
NASA



Private: Claudio
Menghi
McMaster University
University of Bergamo

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Confirmed Speakers - With more to be announced



Simonetta Chelli

ESA



Elena Grifoni Winters

GSSI



Arturo Intelisano

Thales Alenia Space Italia



Alberto Petrucci

Thales Alenia Space Italia



Gianluca Caruso

Thales Alenia Space Italia



Federica Paganelli

Aiko Space



Pierre Lionnet

Eurospace



Paul Boniol

University of Paris-Descartes

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Confirmed Speakers - With more to be announced



Elisabetta
Pietrostefani

University of Liverpool



Lewis Dijkstra

European Commission



Dani Arribas-Bel

University of Liverpool



Dana Thomson

Columbia Univ



Michiel N. Daams

University of Groningen



Monika Kuffer

University of Twente

Funding & Participation



NO REGISTRATION FEE



SCHOLARSHIPS AVAILABLE
TO SUPPORT
PARTICIPATION

*(merit-based
allocation, widely
accessible)*



APPLICATION DEADLINE:
JANUARY 31ST, 2026

[HTTPS://SPACERAISE.ACADEMY/REGISTER/](https://spaceraise.academy/register/)



Call In Action

APPLY NOW FOR THE 2026
SPACERAISE SUMMER SCHOOL

APPLICATION DEADLINE: **JANUARY
31ST, 2026**

<https://spaceraise.academy/register/>



SPACERAISE

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- Martina Feliciani - GST, martina.feliciani@gransassotech.org

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