

Space Mission Operations

Ground Segment and Mission Control

An overview of the ground segment of space missions from design to utilization.
Mission operations: from lift-off to end-of-life disposal through the LEOP, commissioning and routine phases.

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May 13 – 14, 2024

Monday, May 13

- 14:00-14:10 Opening
- 14:10-14:30 Presentation and SSC Engineering Service overview
- 14:30-16:15 **SPECIAL GUEST: Paolo FERRI**, former Head of ESA Mission Operations Dept.
Interplanetary Mission Operations
- 16:30-17:00 Cluster: How to operate a scientific mission without batteries
- 16:30-17:00 JUICE: the challenges of visiting remote icy worlds
- 17:45-18:00 Recruitment process from the HR point of view

Tuesday, May 14

- 09:15-09:30 Opening
- 09:30-10:00 Sharing the wireless cosmos: an overview of Frequency Spectrum Management
- 10:15-10:45 AI in space applications: bridging the gap from black holes to large language models
- 11:00-11:30 Earth Observation data services coordination
- 11:45-12:15 Ground station and scientific experiments with rockets and balloons

With the contributions of:

Davide Starnone (SSC Space Italy),
Renè Heller (SSC), Jana Kratzer, Luca Milani,
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LSE SPACE



**We help
Earth benefit
from space**

