

ESA Mission Operations Academy

Monday, 25 September 2023 - Saturday, 30 September 2023

ESA/ESOC

Programme

25.9. Optional (but recommended): Welcome Drink and Dinner @ Roeders (*included in fee*)

26.9.:

Introduction
Concept of Operations, Architecture and Interfaces
Mission Analysis
Flight Dynamics
Space Debris
ESOC tour

27.9.:

Ground Facilities
Mission Operations Segment Integration, Verification and Validation
From LEOP to Routine
Spacecraft Anomaly Management and Contingency Operations
Hands-on "Space Debris"

28.9.:

Mission Planning and Scheduling
Innovative Mission Operations
Introduction to Main Control Room Systems and Voice Loop Procedures
OPS-SAT pass

29.9.:

Introduction to Team Simulation Exercise
Team Simulation Exercise
Conclusion

30.9.: Optional: Visit of ESA/ESEC (European Space Security and Education Centre) at Redu and the GALILEO ILS center in Belgium including ground stations (*not included in fee; fee max. €400 depending on number of participants*)

Note: including business networking lunch breaks with ESA experts