

# **ESA Mission Operations Academy**

**Monday, September 25, 2023 - Saturday, September 30, 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**