

# **2nd ESA Mission Operations Academy**

**Monday, 11 November 2024 - Friday, 15 November 2024**

**ESA/ESOC**

## **Programme**

**11.11.** Optional (but recommended): Welcome Drink and Dinner @ Roeders at 19:00 (*included in fee*)

**12.11.:**

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

**13.11.:**

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

**14.11.:**

Mission Planning and Scheduling  
Innovative Mission Operations  
Introduction to Main Control Room Systems and Voice Loop Procedures

**15.11.:**

Introduction to Team Simulation Exercise  
Team Simulation Exercise  
Conclusion

**Note: including business networking lunch breaks with ESA experts**