

ESA Mission Operations Academy #11

Monday 20 April 2026 - Friday 24 April 2026

ESA/ESOC

Programme

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

21.04.:

Introduction

Concept of Operations, Architecture and Interfaces

Mission Analysis

Flight Dynamics

Ground Facilities

Mission Data Systems

22.04.:

Mission Operations Segment Integration, Verification and Validation

Mission Operations from LEOP to Routine

Spacecraft Anomaly Management and Contingency Operations

Space Debris and collision avoidance

Hands-on "Space Debris"

23.04.:

Mission Planning and Scheduling

Writing procedures

ESOC tour

24.04.:

Introduction to Main Control Room Systems and Voice Loop Procedures

Introduction to Team Simulation Exercise

Team Simulation Exercise

Conclusion

Note: including business networking lunch breaks with ESA experts