ESA Mission Operations Academy #3

Monday, February 17, 2025 - Friday, February 21, 2025

ESA/ESOC

Programme

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

18.02.:
Introduction
Concept of Operations, Architecture and Interfaces
Mission Analysis
Flight Dynamics
Ground Facilities
Mission Data Systems

19.02.:
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"

20.02.:
Mission Planning and Scheduling
Writing procedures
ESOC tour

21.02.:
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