

MISSION DESIGN GAME



SPACETOURS Noordwijk
Discover the world of ESA ESTEC

Name organisation (15-30 p)

Monday 3 July 2023

MODEL PROGRAMME – DETAILS CAN VARY DEPENDING ON GROUP & REQUEST

- 09:00 Check at ESA ESTEC, Keplerlaan 1, Noordwijk (Passport, ID card, driver's licence)
- 09:20 Transfer to Erasmus (Auditorium)
- 09:30 Presentation: highlights of ESA, robotics, 3D printing, space plane, etc.
- 10:10 Tour Highbay and Planetary Robotics Lab (zero G, space station, robotics for Mars)
- 10:35 Transfer to Blue Room
- 10:40 Coffee-tea break
- 11:00 Presentation: Concurrent Engineering as used in the Concurrent Design Facility
- 11:30 Transfer to E-mall laboratory complex
- 11:35 3D printing for space and ESA's Space Plane
- 12:00 Transfer to Main Restaurant

- 12:15 A la carte lunch buffet

- 13:10 Transfer to the Concurrent Design Facility
- 13:15 Introduction to the CDF: rooms, infrastructure, etc.
- 13:25 The method step by step as used by ESA for future space missions
- 13:50 Instruction for the Mission Design Game: rules, data, software
- 14:10 Mission Design Game: requirements, design decisions, proposals
- 15:10 Coffee-tea break
- 15:30 Mission Design Game: implementation, group input, trade-offs, consensus
- 16:30 Presentation of your mission design
- 17:00 Implementing the method for your team and organisation
- 17:30 End of visit and departure

MORE INFO

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