

Geoplanet

9-10 January 2018: Workshop on planetary missions

11-12 January 2018: Visit of the European Space Agency, ESTEC center

Noordwijk, The Netherlands

Organisers : Olivier Witasse and Jorge Vago

ESTEC organisers: Olivier Witasse +31 6 28 68 37 39 owitasse@cosmos.esa.int
Jorge Vago Jorge.Vago@esa.int

Workshop on planetary missions

**Tuesday 9 January 2018
Escape Dance Room**

09:30 Badge at gate, gathering in the room, coffee

10:00 Introduction (Olivier Witasse/Jorge Vago)

10:15 Overview of the Science programme, calls and selection of missions (Luigi Colangeli)

11:15 Missions under studies (Peter Falkner)

12:30-14:00 Lunch break

14:00 Recruitment at ESA (Fiona Walsh)

14:45 The challenge of product assurance for planetary missions (Fabio Panin)

15:30 Coffee break

16:00 An example of mission under development: the ExoMars rover (Jorge Vago)

16:45 Selection of Mars landing sites (Elliot Sefton-Nash, Jorge Vago)

17:15 End of day 1

Wednesday 10 January 2018
Escape Dance Room

09:30 A mission under development: JUICE (Olivier Witasse)

10:15 Aerobraking with Venus Express and the Trace Gas Orbiter

10:45 Cruise phase: Cassini-Huygens, Rosetta, and prospects for JUICE (Olivier Witasse, Matt Taylor)

11:15 Coffee break

11:45 An example of mission in operations (challenges, results) and post-operations (archive, legacy): Rosetta (Matt Taylor)

12:45-14:00 Lunch break

14:00 Philae landing site selection (Joe Zender, Matt Taylor)

14:45 Moon exploration: Smart-1, roadmap of lunar exploration (Bernard Foing)

15:30 Coffee break

16:00 Communication activities (Emily Baldwin)

16:45 Wrap-up, discussion, questions

17:15 End of day 2

