

Session Program

25-27 Mar 2026



On the shoulders of giants

***Formation of gaseous giant planets and their
impact on inner low-mass planets in the
habitable zone: from solar system to
exoplanetary systems***

Archivio di Stato - Torino, Italy
Piazza Castello 209 - 10124 Turin

Wednesday 25 March

12:05

Formation of gaseous giant planets and their impact on inner low-mass planets in the habitable zone: from solar system to exoplanetary systems

Session | **Location:** Archivio di Stato - Torino, Italy, Piazza Castello 209 - 10124 Turin

12:05-12:35

Water delivery to inner rocky planets driven by outer giants (invited talk)

Speaker

Dr Sean Raymond

12:35

14:30

Formation of gaseous giant planets and their impact on inner low-mass planets in the habitable zone: from solar system to exoplanetary systems

Session | **Location:** Archivio di Stato - Torino, Italy, Piazza Castello 209 - 10124 Turin

14:30-15:00

The impact of Jupiter-like planets on the potential habitability of exoEarths (invited talk)

Speaker

Dr Jonathan Horner

15:00-15:20

A detailed study of the effects of cold Jupiters on the formation and composition of terrestrial planets

Speaker

Dr Nader Haghighipour

15:20-15:40

Giants in the cradle - Part 1: exploring how Jupiter's birth shaped the compositional evolution of the inner Solar System

Speaker

Dr Diego Turrini

15:40

16:10

Formation of gaseous giant planets and their impact on inner low-mass planets in the habitable zone: from solar system to exoplanetary systems

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16:10-16:30

Giants in the cradle - Part 2: exploring how forming giant planets alter the composition of inner planets with HD163296

Speaker

Dr Danae Polychroni

16:30-16:50

Exocomets and Their Impact on Planets in the Habitable Zone

Speaker

Dr Alain Lecavelier des Etangs

16:50