

Everywhere: Synergies between Solar System and Exoplanetary Research

KEYWORDS: Small bodies, Solar System, Observational techniques, Exoplanets, atmospheres, planetary e

SUMMARY: Taking the advance of the symposium "Here and There: Solar System and Exoplanetary Research" as the starting point, this Lunch Session "Everywhere: Synergies between Solar System and Exoplanetary Research". This lunch was carried out as a round table with open discussions addressing key connecting points between the Solar System and Exoplanetary sciences, such as: 1) From small bodies to planetary architectures; 2) Lessons from the Solar System to exoplanetary systems; 3) Atmospheric comparative studies for gas giants, the most well-known type of exoplanets; 4) Exporting global circulation and non-LTE models, tested in solar system bodies (e.g., Earth, Mars, Jupiter, and Saturn) to exoplanets; 5) Orbital architecture comparisons to refine research on planetary habitability; 6) Habitability research from space missions to Solar System icy moons (e.g., JUICE); 7) Towards an open science: data, repositories, and the FAIR principles.

SOC: Alvaro Alvarez-Candal, IAA, Granada; Olga Balsalobre Ruza, CAB, Madrid; Paula Benavidez (UAlicante, Alicante); Adriano Campo Bagatin (UAlicante, Alicante); René Duffard (IAA, Granada); Emma Esparza Borges, IAC, Tenerife; Gonzlez lvarez, UCM, Madrid; Marina Lafarga Magro, U. Warwick, Warwick (UK); Julia de Len (IAC, Tenerife); T. Luque, University of Chicago, Chicago; Juan Carlos Morales, ICE, Barcelona; Jaume Orell Miquel, IAC, Tenerife; Parro (UAlicante, Alicante); Manuel Perger, ICE, Barcelona; Francisco J. Pozuelos, IAA, Granada; Alejndro Lpez, IAA, Granada; Toni Santana-Ros (UAlicante, Alicante); Alejandro Suarez Mascareo, IAC, Tenerife; Tabernero Guzmn, UCM, Madrid.

CONTACT: alvaro@iaa.es rluque@uchicago.edu

Cerrar