International Academy of Astronautics (IAA)

Academy Day Draft Program

Academy of Athens, Athens, Greece
Saturday 16 July 2022 09:00 – 18:00
on the occasion of the 44th COSPAR Scientific Assembly

Location: Academy of Athens (Main Hall),
28 Eleftheriou Venizelou Avenue, Athens 10679

Program Chairs: Ralph L. McNutt, Jr., Chair, Trustee Section 1, Basic Sciences
Athena Coustenis, Trustee Section 1, Basic Sciences

Program Organizer: Rosaly M. C. Lopes, Chair Commission 1, Space Physical Sciences

Chair: Ralph McNutt

09.00 (30 minutes) Welcome Addresses from organisers, IAA and COSPAR

09.30 (30 minutes) Parker Solar Probe (Laurels for Team Achievements Award 2021), Nour Raouafi, Project Scientist, Johns Hopkins Applied Physics Laboratory, Laurel, MD, USA

10.00 (30 minutes) Solar Orbiter, Daniel Müller, Project Scientist, European Space Agency, ESTEC, The Netherlands (remotely)

10.30 (15 minutes) Coffee Break

Chair: Rosaly Lopes

10.45 (25 minutes) Mars recent space activities I: NASA/Opportunity & Perseverance & MSR, Michael Meyer, NASA Lead Scientist, Mars Exploration Program

11:10 (25 minutes) Mars recent space activities III: China, Chi Wang, Chinese Academy of Sciences (Remotely)

11:35 (25 minutes) Mars recent space activities IV: UAE space agency, Omar Al Shehhi, Hope Mission Lead for integration and testing

12:00 (25 minutes) ESA Science activities, Luigi Colangeli, ESA Programme Advisor, Directorate of Science

12:25 (25 minutes) Greek space agency activities, Ioannis Daglis, President, Hellenic Space Center
12.50 (1hr10) **Lunch will be catered on the premises**

14.00 (30 minutes) **Mission to the Jupiter System: Juno**, Scott Bolton, *SWRI, USA*

14:30 (30 minutes) **Interstellar Probe as an International Initiative**, Stas Barabash, *Swedish Institute of Space Physics, Kiruna, Sweden*

15.00 (25 minutes) **Planetary Protection**: Athena Coustenis, *Cospar Panel on Planetary Protection Chair*

15:25 (15 minutes) **Coffee Break**

**Chair: Athena Coustenis**

15:40 (25 mins) **Space Debris: Issues and Concerns**, Carmen Pardini, *COSPAR Panel on Potentially Environmentally Detrimental Activities in Space (PEDAS) Co-Chair*

16.05 (25 minutes) **Space Law**: Dionysia-Theodora Avgerinopoulou, *Chair, Special Permanent Committee of Environmental Protection of the Parliament*

16.30 (20 minutes) **Moon Farside Protection**, Claudio Maccone, *Chair, IAA Permanent Committee on Moon Farside Protection*

16:50 (30 minutes) **Measuring with Shadows and Water Traces from Antiquity to the Present**, Christos S. Zerefos, *Secretary General, Academy of Athens, Greece; Climate Envoy for Greece*

17:20 (15 minutes) **Wrap up and End of Session**, Rosaly M. C. Lopes, *Jet Propulsion Laboratory, Pasadena, California, USA*

17:35 Adjourn

19:00 Meet in front of the Academy of Athens for transfer by buses to the IAA Awards Gala Dinner venue: St George Lycabettus – Le Grand Balcon [https://www.sgl.gr](https://www.sgl.gr)

19:30-22:00: IAA Awards Gala Dinner and then bus transfer back to the center of Athens