



The core mission of the Committee on Space Research (COSPAR) is to promote scientific research in space on an international level. Emphasis is placed on the exchange of results, information and opinions, and providing a forum, open to all scientists, for the discussion of problems that may affect scientific space research. In this way, a community of scientists is assembled, ensuring that a vibrant international space research effort can be conducted without impediment from geopolitical tensions or differences.

This community aims to share the results of their research, building bonds and encouraging collaborations with colleagues around the world, and the biggest date in their calendar is the COSPAR scientific assembly, held every two years. The 44th COSPAR Scientific Assembly will be held in Athens, Greece, 16-24 July 2022 and so far 140+ sessions are lined up, showcasing new findings from COSPAR's eight Scientific Commissions, covering the following fields:

- Space Studies of the Earth's Surface, Meteorology, and Climate;
- Space Studies of the Earth-Moon System, Planets, and Small Bodies of the Solar System;
- Space Studies of the Upper Atmospheres of the Earth and Planets Including Reference Atmosphere;
- Space Plasmas in the Solar System, Including Planetary Magnetospheres, and the heliosphere;

- Research in Astrophysics from Space;
- Life Sciences as Related to Space: including the effects of extraterrestrial environments on living systems, the origin and evolution of life;
- Materials Sciences in Space: involving scientific experiments in materials and fluid sciences performed in space;
- Fundamental Physics in Space: discovering and exploring fundamental physical laws governing matter, space and time.

Not to mention the cutting-edge research from the 11 technical Panels, ranging from Planetary Protection, Space Weather, Innovative Solutions, to Social Sciences and Humanities. Other highlights include interdisciplinary lectures, including *The Smallsat Revolution*, and *The Surface of Mars and its Habitability*, and a space science leaders roundtable discussion. There will also be significant industry presence, as well as a workshop on Inclusiveness, Diversity, Equity and Accessibility in space science. With 30 lecture rooms operating in parallel sessions for seven days, the 44th COSPAR Scientific Assembly is expected to be exciting and rewarding.

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**Programme information**

**Practical details**



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