



COSPAR 2026 – Call for Abstracts

Dear Colleagues,

The journey toward **COSPAR 2026 in Florence (1–9 August 2026)** continues to gain momentum. As the global scientific community mobilizes, we would like to remind you to submit your abstract through the official website. Do not miss the opportunity to present your research in one of the world's most inspiring cities.

SUBMISSION DEADLINE EXTENDED: 20 February 2026.

Abstracts submission link available [here](#).

In this third edition of our newsletter, we are highlighting the upcoming programs for **Scientific Commissions D & G**, covering everything from complex plasma dynamics of our solar system to material and fluid sciences in space conditions.

Commission D: Space Plasmas in the Solar System, including Planetary Magnetospheres

Commission D focuses on the study of plasmas within the Solar System, investigating the physical processes that govern the interaction between the Sun and celestial bodies. We welcome abstracts on:

- **Sun and Heliosphere:** Dynamics of the solar wind and interplanetary magnetic structures.
- **Planetary Magnetospheres:** Investigations into the magnetic fields and trapped particle populations of planets.
- **Ionosphere-Magnetosphere Coupling:** Energy and mass flows between different regions of the space environment.
- **Space Weather:** Monitoring and forecasting phenomena that impact space-based and terrestrial technological infrastructures.
- **Basic Plasma Processes:** Fundamental research on turbulence, reconnection, and particle acceleration in space.

View Commission D Scientific Events:

<https://www.cosparassembly.org/admin/symposium.php?symposium=188>

Commission G: Materials Science in Space

Commission G investigates the unique behavior of fluids and materials in microgravity and reduced-gravity environments (Moon, Mars, asteroids). By eliminating gravity-driven effects, we uncover physical phenomena essential for both fundamental science and advanced space engineering. Key research areas include:

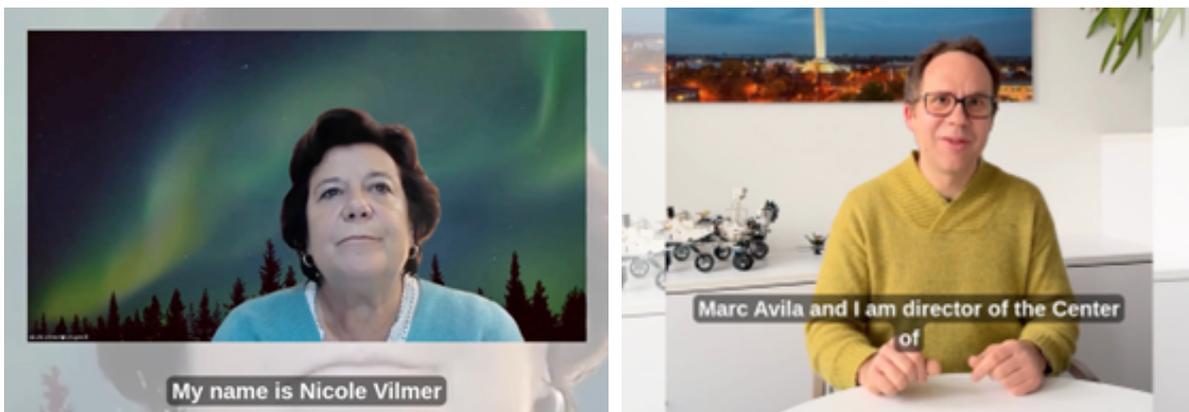
- **Fluid and Materials Science:** Study of the unusual behavior of fluids and materials in microgravity and reduced-gravity environments (Moon, Mars, asteroids).
- **Experimental Platforms:** Research conducted on the ISS, sounding rockets, parabolic flights, and drop towers.
- **Safety & Engineering:** Critical research on fire propagation, fluid management, and life support systems for space missions.
- **Material Innovation:** Creation of high-purity materials and novel substances with unique properties.

View Commission G Scientific Events:

<https://www.cospar-assembly.org/admin/symposium.php?symposium=191>

Watch: Commissions D & G in Focus

Curious about the research being showcased in Florence? Check out our latest social media updates! From the **challenges of materials and fluid in space** (Commission G) to the **powerful solar storms and magnetic shields of our planetary neighbors** (Commission D), get a first look at the sessions that will define the 2026 Assembly.



Why Participate?

COSPAR 2026 in Florence will offer a high-level international platform to present innovative results, discuss emerging challenges, and foster collaboration across disciplines including **biology, medicine, physics, engineering, and planetary science**.

Researchers at all career stages, including **early-career scientists and students**, are strongly encouraged to submit their abstracts and actively participate in the

sessions.

Stay Connected: Follow the official COSPAR 2026 social media channels on [Facebook](#) and [Instagram](#) to receive the latest updates on deadlines, scientific sessions, and events in Florence.

Join COSPAR 2026 and help shape the future of space exploration.

COSPAR 2026: where solar dynamics meet material and fluid sciences in space!



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For further information, please contact: the Local Organizing Committee
cospar.loc2026@inaf.it

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