

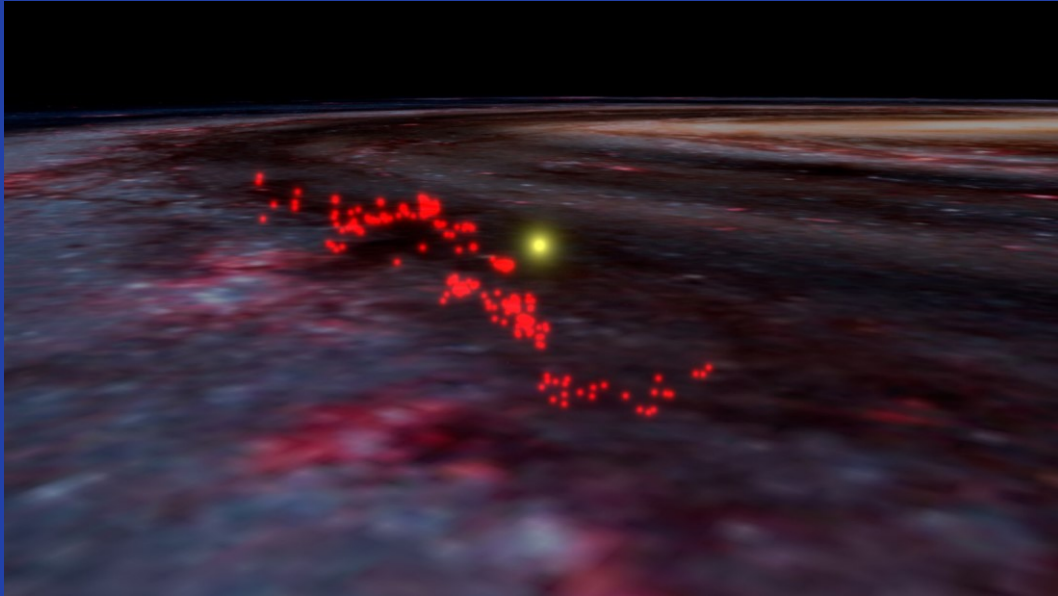
COSPAR News

January 2020

Issue 2

Space Science Snapshot:

The Largest Gaseous Structure in Milky Way Ever Seen



The largest ever wave-shaped gaseous structure seen in the Milky Way has been discovered by astronomers at Harvard University. Their work was enabled by new analysis of data from ESA's Gaia spacecraft. (Image credit: Harvard University)

COSPAR ISWAT Website Live!

The COSPAR ISWAT website <https://iswat-cospar.org> is now live to serve as an online presence for the International Space Weather Action Teams (ISWAT), a community co-ordinated effort hosted by the COSPAR Panel on Space Weather.



National Member News: Ukraine



The Institute of Botany, National Academy of Sciences of Ukraine is the main implementing organisation in the Space Biology programme in the framework of the National Space Programme of Ukraine.

National Member News: The Netherlands

SRON is the Dutch national expertise institute for scientific space research. Its mission is to bring about breakthroughs in international space research.



Netherlands Institute for Space Research



COSPAR Community

Former COSPAR PEX Chair Awarded Legion of Honour

At a ceremony on 21 November 2019 Pascale Ehrenfreund, Chair of the DLR and long-time COSPAR Associate (left), was awarded the insignia of the knight of the French Legion of Honour by Jean-Yves Le Gall, Chair of the CNES (right).

COSPAR Community

Margaret "Peggy" Ann Shea Honoured with the AGU Eugene Parker Lecture

The Eugene Parker Lecture is presented to a space scientist who has made significant contributions to the fields of solar and heliospheric science. COSPAR ASR Associate Editor Margaret "Peggy" Ann Shea (left) was recently awarded this honour by Dr. Christina Cohen (right), President of the AGU SPA section (Image credit: Geoff Reeves).



COSPAR Community

ASR Associate Editor's Research into CubeSat Nano-Satellite Development Wins €2 million of EU Funding

The EXTREMA - Engineering Extremely Rare Events in Astrodynamics for Deep-Space Missions in Autonomy - project by Francesco Toppoto, researcher at the Politecnico de Milano's Department of Aerospace Science and Technology, and one of COSPAR's ASR Associate Editors, has been awarded a €2 million ERC Consolidator Grant.



COSPAR Publications

LSSR Special Issue

Planetary Protection: New Aspects of Policy and Requirements

Edited by François Raulin, Athena Coustenis, Gerhard Kninek, Niklas Hedman.

Vol.23, pages 1-142 (November 2019).



COSPAR Publications

Calls for Papers for ASR Special Issues

Scientific and Fundamental Aspects of GNSS: deadline 31 January 2020
Solar Sailing: Concepts, Technology and Missions II: deadline 1 March 2020

COSPAR Meeting Update

A group photo at the just-completed Capacity Building Workshop on Coronal and Interplanetary Shocks: Analysis of Data from Space- and Ground-based Instruments, held at Kodaikanal Solar Observatory, India.





COSPAR Meeting Update

**43rd COSPAR Scientific Assembly,
15-22 August 2020**

Sydney, Australia

www.cospar2020.org

Approaching fast:

Abstract deadline: [14 February 2020](#)

On the Radar

ESA Commits to Biggest Ever Budget

ESA's recent Council at Ministerial level, Space 19, has committed to the biggest ever budget. Read more [here](#).



Jobs & Opportunities

[SCOSTEP 2020 Visiting Scholar Program](#) is now open. Application deadline: 21 February 2020.

[International Space Weather Camp](#) at the South African National Space Agency, Hermanus, is open for registration, deadline 28 February 2020.

SCIENTIFIC COMMITTEE
ON
FREQUENCY ALLOCATIONS
IUCAF
FOR
RADIO ASTRONOMY
AND
SPACE SCIENCE

**5th International IUCAF Spectrum Management School
Stellenbosch, South Africa 2 – 6 March 2020**

Registration now open for 5th IUCAF Spectrum Management School for Radio Astronomy, Stellenbosch, South Africa, 2-6 March 2020.

The Annual Call for Proposals for the IAU Office of Astronomy for Development (OAD) opens April 2020. The OAD has identified Flagship (or Signature) projects that encapsulate the idea of astronomy for development, and which have the potential for global roll-out.

The International Space Science Institute (ISSI) in Bern, Switzerland, and ISSI-BJ in Beijing, China, invite proposals for establishing International Teams to conduct on its premises research activities in Space Sciences, based on the interdisciplinary analysis and evaluation of data from spacecraft and possible integration with ground data and theoretical models. Deadline for Letter of Intent: 13 February 2020. Deadline for Proposals: 25 March 2020.

Award Nominations

SCOSTEP 2020 Call for Award Nominations is now open for Distinguished Scientist, Young Distinguished Scientist and Distinguished Service. Deadline: 28 February 2020

Space Science Quote

“A bird cannot fly with one wing only. Human space flight cannot develop any further without the active participation of women.” Valentina Tereshkova, the first woman in space.

Space Science Highlight from the Past

This month sees the anniversary of NASA's launch of *Explorer 1*, the first US orbiting satellite, in 1958.



Contribute to COSPAR NEWS!

If you have an announcement or item of news for the COSPAR--and wider space--community, please send it to leigh.fergus@cosparhq.cnes.fr