

COSPAR News

November 2019



Message from the Editors

Welcome to COSPAR's new electronic newsletter!

This first issue brings you the latest announcements and updates on COSPAR activities, meetings, publications as well as related opportunities. Complementary to our regular triannual bulletin, *Space Research Today*, which focusses on in-depth reports, articles and information for the COSPAR community, this e-newsletter provides faster turn-around news. The emphasis is on COSPAR activities, with news from the wider space community. We hope you enjoy the first issue!

Richard Harrison and Leigh Fergus

Space Science Snapshot:

New Models Suggest Titan Lakes are Explosion Craters



Recently published research presents a new scenario to explain why some methane-filled lakes on Saturn's moon Titan are surrounded by steep rims that reach hundreds of feet high. Read more [here](#). (Image credit: NASA/JPL-Caltech)

Research Nano-bites

Swarm of small satellites for comprehensive 5G coverage

A Bremen project team from industry and science has joined forces to bring a swarm of small satellites into space to supplement the network on the ground. Benny Rievers (right) from ZARM is part of the [5GSatOpt project](#).



Research Nano-bites

MicroMed, the Neapolitan dust analyser ready for ESA's ExoMars 2020

A young research team in Naples has designed and built a tool, MicroMed, in record time to analyse Martian dust on ESA's ExoMars 2020 probe. Read more [here](#). (By Romualdo Gionoli, a Journalist Friend of COSPAR, from his article in *Corriere del Mezzogiorno*)

National Member News: UAE

One of COSPAR's newest National Scientific Institutions, the [National Space Science and Technology Center \(NSSTC\)](#) was established in 2016 in Al Ain City in the eastern region of the emirate of Abu Dhabi.



Focus on COSPAR Industry Partner: Lockheed Martin

Lockheed Martin has become a COSPAR Industry Partner. The COSPAR Community extends a warm welcome to Lockheed Martin.



Focus on COSPAR Industry Partner: Northrop Grumman

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NORTHROP GRUMMAN

COSPAR Community

My Life with COSPAR: Looking Back, Looking Forward

Outgoing COSPAR Executive Director Jean-Louis Fellous shares his thoughts on his long experience at COSPAR before taking his leave and handing over to incoming Executive Director Jean-Claude Worms.



COSPAR Community

New Executive Director

As of January 2020, COSPAR's new Executive Director is Jean-Claude Worms, who reminisces on his interaction with COSPAR so far.



COSPAR Publications

"Small satellites for space science: A COSPAR scientific roadmap" has been published in *Advances in Space Research*, Vol.64, Issue 8, 15 October 2019, pages 1466-1517 (Open Access). Click [here](#) for the extended abstract.

ELSEVIER: New Virtual Special Issue for 50th Anniversary of Apollo 11 Moon Landing

A new Virtual Special Issue has been published by Elsevier in honour of the 50th anniversary of the successful landing on the Moon by Apollo 11 on 20 July 1969, with articles from *Advances in Space Research* and from *Life Sciences in Space Research*, free to read until 20 July 2020.



COSPAR Meeting Update

43rd COSPAR Scientific Assembly
15-22 August 2020
Sydney, Australia
Abstract deadline: 14 February 2020

Registration & accommodation
information here.

COSPAR Capacity Building Workshop: 1st Announcement

Coronal and Interplanetary Shocks:
Analysis of Data from Space and
Ground based Instruments



6 - 17 January 2020,
Kodaikanal Observatory, Indian
Institute of Astrophysics, India



COSPAR ISWAT Inaugural Working Meeting 10-14 February 2020

The inaugural working meeting of the COSPAR International Space Weather Action Teams (ISWAT), under the auspices of the Panel on Space Weather, will be held 10-14 February 2020, Radisson Resort, Port Canaveral, Florida, USA. [Details here.](#)

COSPAR in the News:

1st Newspace Young Talent Meeting

COSPAR was part of the 1st Day for Newspace Young Talent in Nîmes, alongside Airbus Defence and Space, Ariane group, Aerospace Valley and Montpellier University Space Centre.

Jobs & Opportunities

UN/ESA Fellowship Programme on the large diameter centrifuge hypergravity experiment series (HyperGES). Application deadline: 30 November 2019.

SCOSTEP 2020 Visiting Scholar Program is now open. Application deadline: 21 February 2020.

Space Science Quote

“Houston, Tranquility Base here. The Eagle has landed.” Neil Armstrong, 20 July 1969.

Space Science Highlight from the Past

This month sees the 52nd anniversary of the discovery of the first radio pulsar by British astrophysicist Jocelyn Bell Burnell in 1967.



Contribute to COSPAR News!

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

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