



# COSPAR News

September 2022 Issue 14

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## Message from the Editors

The transition from holidays back to a work schedule is not always easy, and this year there seem to be more changes than ever. Here at COSPAR the first big change for us is of course the arrival of a new President, Prof. Pascale Ehrenfreund: read on for a first introduction, for those of you who do not know her.

In this issue of COSPAR News we also bring you more about upcoming COSPAR events including the next COSPAR Symposium next year, COSPAR 2024, and the return of our Capacity Building Program. There's news from our flagship journals, *Advances in Space Research* and *Life Sciences in Space Research*, information concerning COSPAR Panels and the Task Group on establishing a Constellation of Small Satellites as well as a quick round up of items On the Radar in our space community.

We hope you enjoy reading this issue of COSPAR News. If you have ideas on what you'd like to see and read here—and there on Social Media—don't hesitate to [get in touch](#).

**Leigh Fergus and Richard Harrison**

## Space Science Snapshot: Italy Shoots DART Impact

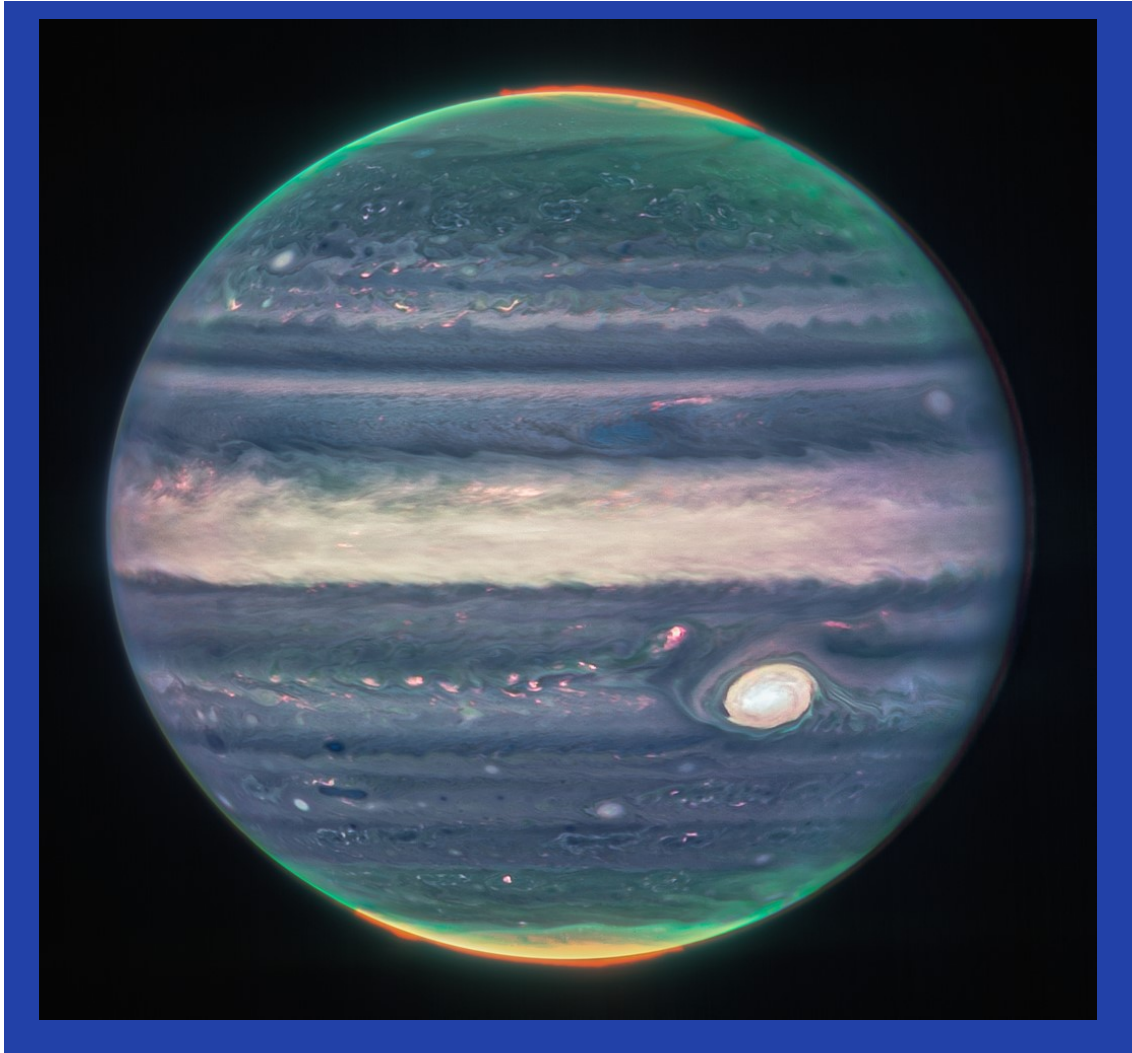
Asteroid moonlet Dimorphos as seen by NASA's DART spacecraft 11 seconds before impact. LICIAcube, the Light Italian Cubesat for Imaging of Asteroids is DART's companion CubeSat, and was deployed from the DART spacecraft 15 days ago to take images of the impact and aftermath, images that should become available very soon. ESA's HERA mission will also closely monitor Dimorphos and Didymos when it arrives in 2026.



(Image credits: NASA/Johns Hopkins APL)

## Space Science Snapshot: Jupiter's Inner Life

This composite image of Jupiter was taken by the James Webb Space Telescope's Near-Infrared Camera (NIRCam) which has three specialized infrared filters that showcase details of the planet.



(Image credits: NASA, ESA, CSA, Jupiter ERS Team; image processing by Judy Schmidt.)



**Meet the President**

Introducing Prof. Ehrenfreund

[Watch this message](#) recorded by the new COSPAR President Prof. Pascale Ehrenfreund, introducing COSPAR to the Forum on Post-Pandemic Collaboration in Space Science.

## Meet the President

### Did You Know that Prof. Ehrenfreund...

- received the COSPAR Massey Award this year?
- is a member of the World Economic Forum, Global Future Council on Space?
- was awarded the French Chevalier Legion of Honour in 2019?
- has been Research Professor on Space Policy and International Affairs, George Washington University, USA, since 2008?
- has been Principal Investigator, Co-Investigator and Team Leader to ESA and NASA astronomy and planetary missions since 1992?
- likes wombats?



## COSPAR Meetings

**5th COSPAR Symposium  
Singapore: 16-21 April 2023**

We're all set for the 5th COSPAR Symposium. "[Space Science with Small Satellites](#)" is the theme and abstract submission is now open, deadline: 31 December 2022. Here's the updated [Call for Papers](#). And download the [poster here](#) to display.



**COSPAR 2024**  
**45th COSPAR Scientific Assembly**  
**Busan, South Korea: 13-21 July 2024**

After enjoying a lively, largely in-person Scientific Assembly in Athens, we start looking forward to COSPAR 2024, in Busan, South Korea. [More information will be posted](#) as it becomes available: save the date!



## **COSPAR 2026**

### **46th COSPAR Scientific Assembly**

### **Florence, Italy: 1-9 August 2026**

As well as the election of our new President, the other big news from the COSPAR 2022 Council meetings was the selection of the site of COSPAR 2026 (we have to plan far in advance). And we are pleased to announce that Florence will be our host city, *auguri!*

## **COSPAR Capacity Building Workshops**

### **New CBW for 2023**

After a break of over two years due to the pandemic, COSPAR-sponsored Capacity Building Workshops (CBW) are back. Mid-September saw the first of this new set with the CRTS-COSPAR Workshop on Oceanography in Rabat, Morocco—the first such CBW since January 2020! COSPAR organizes these workshops with various partners to convey practical knowledge and to build lasting bridges between scientists.

Pan-Ocean-Remote-Sensing-Conference Tutorial, 3-6 December 2022, Johor Bahru, Malaysia.

Data analysis for Planetary Sciences (newly updated), 16-27 January 2023, Antofagasta, Chile. Application deadline: 15 October 2022

X-ray Astrophysics Data Analysis, 6–17 February 2023, Potchefstroom, South Africa 20222022ca.



## COSPAR Business

### COSPAR Committee on Industry Relations

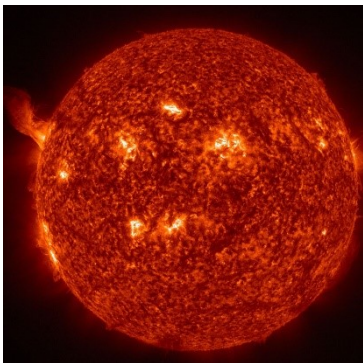
Kathy Lueders, NASA Assoc. Administrator for space operations, discusses the "increase in competition for talent who can solve some of the toughest challenges we face in space exploration.." Read her article: [\*The Future of Human Space Flight, Why Diversity is Critical to its Survival\*](#) on the [COSPAR Industry Corner web page](#).



## COSPAR Business

### TGCSS Explained in 2.5 Minutes

If the acronym TGCSS doesn't ring any bells, be sure to watch [this short film](#) on the COSPAR Task Group on Establishing a Constellation of Small Satellites to find out what it's all about.



## COSPAR Business

### Next ISWAT Meeting

The 3rd Working Meeting of the COSPAR International Space Weather Action Teams (ISWAT, [www.iswat-cospar.org/](http://www.iswat-cospar.org/)) will be held 26 -30 September 2022 at the University of Coimbra, Portugal to finalize preparation of the community-driven Space Weather Roadmap, among other tasks. [More details here.](#)

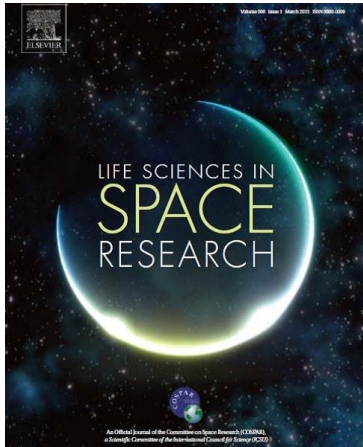
## COSPAR Business

### COSPAR on Social Media

Did you know that COSPAR now has an active presence on Social Media? If you don't already, follow us on [Twitter](#), [LinkedIn](#) and [Facebook](#) and check out our [YouTube](#) channel. We look forward to seeing your reactions and to building this online community with you.







## COSPAR Publications

### *Impact Factors Up*

**Advances in Space Research (ASR)** has been awarded a 2021 Impact Factor of 2.611, ranking it 10 out of 34 in Engineering, Aerospace.

**Life Sciences in Space Research (LSSR)** has been awarded a 2021 Impact Factor of 2.73, ranking it 34 out of 69 in Astronomy & Astrophysics.

**LSSR** has also been accepted for SCIE— Science Citation Index Expanded. The journal is already included in MEDLINE/PubMed.

## COSPAR Publications

### **ASR Special Issues**

Details of new / open calls for special issues of *ASR* can be found [here](#), including :

**Synergistic Use of Remote Sensing Data and In-Situ Investigations to Reveal the Hidden Secrets of the Moon:** deadline 15 February 2023

Also continue reading to see recently [published](#) / [free to read special issues](#).

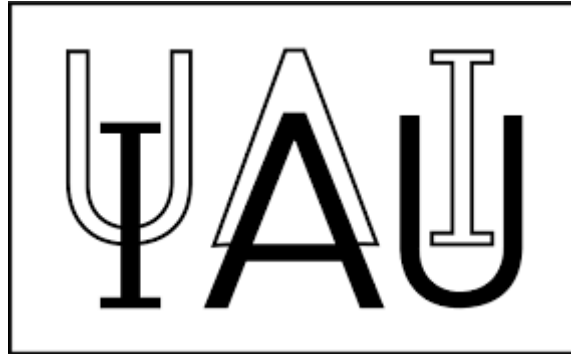


## COSPAR Member News

### IAU Global Astronomy Celebration

From 1 to 4 October 2022, the IAU Office for Astronomy Outreach ([OAO](#)) will hold a [100-hour, round-the-clock, global celebration of astronomy](#). The OAO is inviting everyone around the world to get involved in the event,

which aims to engage as many people as possible with the sky and the wonders of our universe.



## News from Space Agencies

### Joint Declaration on Trilateral Collaboration

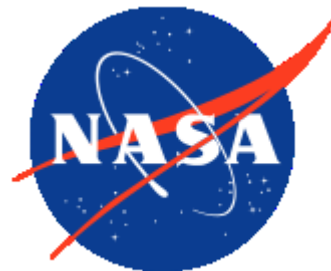


NASA, ESA, and JAXA have agreed to continue through June 2024 to advance their joint work in global understanding of the changing environment with human activities.

## News from Space Agencies

### NASA Projects to Deal with Space Debris

As part of NASA's efforts to address orbital debris, the agency has announced that it is funding research proposals from three university-based teams over the next year to analyze the economic, social, and policy issues associated with space sustainability.



## On the Radar

### COSPAR Signs Taiyuan Recommendations

COSPAR recently co-sponsored the "Strategic Forum on Space Science – Post-pandemic Cooperation in Space Science" with the Chinese Society of

Space Research and the National Space Science Center of the Chinese Academy of Sciences. The participants agreed to the set of recommendations featured in the "[Taiyuan Recommendations](#)", including "opening more cooperation opportunities to other international partners".



## **On the Radar**

### **China Prepares for Final Space Station Module**

Construction of the Tiangong space station is nearing completion as a Long March 5B rocket is assembled at Wenchang spaceport on Hainan, southern China for the launch of the final module. An early October launch is scheduled for the 17.9-meter-long, 22-ton Mengtian ("dreaming of the heavens") experiment module (Image credit: CMSA).



## On the Radar

### Asia-Oceania GEO Symposium

More details about the 15th Asia-Oceania Group on Earth Observations (GEO) Symposium, a hybrid event held 28-30 September 2022, can be found at this website: <https://aogeo15th.com/> . Also GEO Week 2022, 31 Oct-4 November 2022, Accra, Ghana information [here](#).



## Employment / Internship Opportunities

See the [Employment / Internship Opportunities](#) on the COSPAR website under the Latest News menu for details. Associates are kindly invited to forward similar announcements to [cosparcom@cosparhq.cnes.fr](mailto:cosparcom@cosparhq.cnes.fr)

## Space Science Quote

"The earth together with its surrounding waters must in fact have such a shape as its shadow reveals, for it eclipses the moon with the arc of a perfect circle."

Nicolaus Copernicus



## Space Science Highlights from the Past

Launched in 1977, the twin Voyager probes are NASA's longest-operating mission and the only spacecraft to explore interstellar space. 45 years on this month, *Voyager 1* continues to provide observations of the farthest reaches of space, like this close-up of swirling clouds around Jupiter's Great Red Spot (Image credit: NASA / JPL).

## 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](mailto:leigh.fergus@cosparhq.cnes.fr)



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