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- **From:** Nanda Rea
- **To:** Division D High Energy Phenomena and Fundamental Physics
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IAU Division D Newsletter, April 2022

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- * Office for Young Astronomers Meeting at the General Assembly - call for abstracts

The Office for Young Astronomers (OYA) is hosting an open meeting during the General Assembly and invites participation from all IAU members, where we will discuss the model of the flagship program of schools coordinated by OYA and its interaction with other graduate programs, specialized schools and work prospects for the future of young astronomers. We will analyze the past successes and challenges that current students face to contribute to astronomy research, education, outreach and development. We are open for contribution abstracts and look forward to a vibrant interaction with the community at large.

RATIONALE

The OYA has as its main program the International Schools for Young Astronomers (ISYA), started in 1967 by the International Astronomical Union (IAU), and nowadays also co-sponsored by the Norwegian Academy of Science and Letters. It organizes three-week intensive graduate schools in parts of the world where students have less opportunity to be directly exposed to the full extent of up-to-date astrophysics. We will have a focus meeting that analyzes the past successes and challenges that current students face to contribute to Astronomy research, education, outreach and development.

KEY TOPICS

- a) Learnings from a 55-yr long history of International Schools for Young Astronomers

San Juan, Puerto Rico
<https://sites.northwestern.edu/imbh>

Growing Black Holes: accretion and mergers
May 15-20, 2022
Kathmandu, Nepal
<https://nepal.oas.inaf.it/>

PHAROS Conference 2022: The multi-messenger physics and astrophysics of neutron stars
May 16-19, 2022
La Sapienza, Rome, Italy
<http://www.pharos.ice.csic.es/pharos-conference-2022>

1st Mondragone Frontiers of Astronomy Series: Latest Advances in X-ray Spectroscopy and Polarimetry
May 18-20, 2022
Villa Mondragone, Monte Porzio Catone, Italy
<https://astrodragon.web.roma2.infn.it/>

GWADW2022: Gravitational Wave Advanced Detector Workshop
May 23-28, 2022
Online (Japan time zone)
<https://indico.icrr.u-tokyo.ac.jp/event/255/>

Radiative Transfer in Astrophysics
June 6-10, 2022
NBIA, Copenhagen
<https://indico.nbi.ku.dk/e/nbia-nlte-2022>

240th Meeting of the American Astronomical Society
June 12-16, 2022
Pasadena, California, USA
<https://aas.org/meetings/aas240>

XMM-Newton Workshop: Black Hole Accretion under the X-ray microscope
June 13-17, 2022
ESAC, Madrid, Spain
<https://www.cosmos.esa.int/web/xmm-newton/2022-workshop>

EAS 2022: European Astronomical Society's annual meeting

June 27 - July 1, 2022

Valencia, Spain

<https://eas.unige.ch/EAS2022/>

7th Heidelberg International Symposium on High-Energy Gamma-ray Astronomy (y-2022)

July 4-8, 2022

Barcelona, Spain

<https://indico.icc.ub.edu/e/gamma2022>

44th COSPAR Scientific Assembly (COSPAR 2022)

July 16-24, 2022

Athens, Greece

<http://www.cospar-assembly.org>

The Golden Universe: Nuclear Astrophysics & Cosmic rays in the Multi-Messenger Era

July 25-29, 2022

Quy Nhon, Vietnam

https://www.icisequynhon.com/conferences/2022/nuclear_astrophysics/index.html

XXXI IAU General Assembly

August 2-11, 2022

Busan, Korea

<https://www.iauga2021.org/>

EUROWD22: 22nd European Workshop on White Dwarfs

August 15-19, 2022

Tübingen, Germany

<https://uni-tuebingen.de/de/146034>

Cosmic Dust

August 22-26, 2022

Kitakyushu, Japan

<https://www.cps-jp.org/~dust/>

Mapping the invisible Universe: Galaxy evolution and cosmology in next-generation sub-mm surveys

August 29 - September 2022

We are sorry to learn of the passing of:

- Prof. Eugene Parker from the University of Chicago

<https://www.nasa.gov/press-release/nasa-mourns-passing-of-visionary-heliophysicist-eugene-parker>

- Prof. Klaus Pinkau from MPE

<https://www.mpe.mpg.de/7778069/news20211020>

- Prof. James W. Truran from the University of Chicago

<https://astrophysics.uchicago.edu/news/article/james-truran-pioneer-in-nuclear-astronomy-and-beloved-colleague-1940-2022/>

- Murray Dryer from the NOAA's Space Weather Predictions Center in Boulder, Colorado

<https://www.iau.org/administration/membership/individual/1746/>

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If you wish to share with IAU Division D any information about matters that may be relevant to the activities of Div D Members, please send an e-mail to rea@ice.csic.es. This will appear in the next Newsletter, which will be sent out around May 1, 2022. Thank you in advance for your inputs, and best regards.

Dr. Nanda Rea, acting Scientific Secretary of IAU Division D Steering Committee
Institute of Space Sciences (ICE-CSIC, IEEC; Barcelona, Spain)

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