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- **Subject:** IAU Div D (High energy phenomena and fundamental physics) Bulletin - July 2020

IAU Division D Bulletin, July 2020

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*IAU Outreach

As the world struggles to contain the spread of COVID-19 we are adapting many of our IAU outreach programs to a fully online framework, doing whatever we can to help tackle this pandemic as well as its collateral effects on society. As many of us turn online to stay connected with our communities through astronomy, astronomers have a wide range of expertise which could help the current situation.

One of the projects we intend to implement is "Meet the IAU Astronomers!". Where we encourage teachers, informal educators, amateur astronomers, to organize a virtual meetup with an IAU Astronomer to talk to students, parents and the general public about astronomy, the importance of astronomy for society, and choosing astronomy as a career.

The programme garnered a positive response from our IAU National Outreach Coordinators (NOCs), with an expression of interest from Sri Lanka, Cameroon, Uganda, Haiti, to name a few. To implement this programme we would like to start by building an IAU-members database of astronomers interested in participating.

Expressions of interest can be sent directly to the IAU Outreach team by filling in this form. If you experience any issues accessing the form, please send an email to lina.canas@nao.ac.jp and cc. public@oao.iau.org. You can also read more about the project on our IAU.org website here: <https://www.iau.org/public/meettheiauastronomers/>.

*2019 IAU PhD Prize Winners

The IAU PhD Prize recognises outstanding scientific achievements of astronomy PhD students around the world. Each of the IAU's nine divisions awards a prize to the candidate it feels has carried out the most remarkable work in the previous year, and the nine divisions together also agree on jointly awarding an extra prize, the PhD at-large Prize.

We would like to congratulate the winner of the Division D prize, Dr Guang Yang (USA), for his thesis "What drives the growth of black holes?"

<https://www.iau.org/news/announcements/detail/ann20022/>

*Upcoming Conferences, Meetings, Workshops and Schools

[Virtual] EVN Symposium series

Starts July 8, 2020

<https://www.evlbi.org/evn-seminars>

[Virtual] INT Program: Beyond-the-Standard-Model Physics with Nucleons and Nuclei

July 13 - 31, 2020

<http://www.int.washington.edu/PROGRAMS/20-2b/>

[Virtual] Compact Objects and Energetic Phenomena in the Multi-Messenger Era

July 14-15, 2020

<http://www.cvent.com/events/compact-objects-and-energetic-phenomena-in-the-multi-messenger-era/event-summary-7d584037bafd41c58bad69072788dce7.aspx>

Towards a panchromatic understanding of the polarization of Active Galactic Nuclei

Nov. 2-4th, 2020

Strasbourg, France,

<https://polagn.astro.unistra.fr/>

Gravitational waves: a new messenger to explore the universe (6 week workshop)

March 1 to April 9, 2021

Paris, France

<http://www.ihp.fr/en/CEB/T1B-2021>

THESEUS conference (rescheduled from 2020)

23-26 March 2021

Malaga (Spain)

<https://www.isdc.unige.ch/theseus/theseus-conference-2021.html>

*In memoriam

We are sorry to learn of the passing of Dr. Jacques-Emile Blamont (France) and Dr Jean-Pierre Macquart (Curtin University).

If you wish to share with IAU Div D any information about matters that may be relevant to the activities of Div D Members, please send an e-mail to A.L.Watts@uva.nl. This will appear in the next Bulletin, which will be sent out on or around September 1, 2020. Thank you in advance for your inputs, and best regards.

Professor Anna Watts, Secretary of IAU Div D Steering Committee

University of Amsterdam

Email: A.L.Watts@uva.nl

<http://staff.fnwi.uva.nl/a.l.watts>

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