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What is this?

As a member of IAU's Division G I intend to send you a brief e-mail every three months or so with relevant IAU news. Your comments are welcome.

IAU PhD prize applications are due December 15

Each year the IAU awards prizes for the best theses, one in each division. The IAU PhD Prize is open to candidates from any country, regardless of whether the country has an IAU National Membership. The objective is to recognize outstanding scientific achievement in astrophysics around the world at that early stage in the career.

The application form is available here: <https://www.iau.org/submissions/phd-prize/>.

The conditions and details for the application are available in the IAU webpage https://www.iau.org/science/grants_prizes/phd_prize.

IAU symposia and focus meetings in 2021

A list of the letters of intent submitted for IAU meetings in 2021 is now available: <https://www.iau.org/science/meetings/proposals/loi/2021/>.

I strongly encourage Division G members to look through these, as many pertain to our division. Feel free to comment to the submitters, and I also welcome comments on the concepts presented.

Symposium announcement: "Astronomical polarimetry 2020: A new era of multi-wavelength polarimetry"

IAU symposium 360 will be held in Hiroshima, Japan from March 23 to 27, 2020.

Astronomical Polarimetry 2020 (Astropol 2020) is the next in a series of international conferences. The aim of this series of conferences is to bring researchers interested in astronomical polarimetry together to share and discuss recent results and advances in technical and scientific aspects in all relevant astronomical fields.

Since 2014, when the latest ASTROPOL took place in Grenoble, a number of sophisticated instruments and datasets have become available to the community. ALMA was inaugurated in and started polarization observations in 2014. Adaptive optics aided 8-m class telescopes, such as Subaru, VLT and Gemini have been providing high-contrast spectropolarimetry. There is also the Robert Stobie Spectrograph (RSS) spectropolarimeter on the 11-m SALT telescope and the mid-infrared CanariCam polarimeter on the Gran Telescopio Canarias (GTC), that may become available to the public in the future. Data release of the all-sky radio

and sub-millimeter polarization mapping by the Planck satellite has had a strong impact in many astronomical fields. The SOFIA/HAWC+ FIR polarimeter is available to the community. In addition, Astrosat and Hitomi and balloon experiments have offered us new insights into the polarized sky in X-rays and Gamma-rays.

ASTROPOL 2020 will demonstrate that a new era of polarimetry has come to the astronomical community.

It's IAU membership time

Applications for both regular and junior IAU membership can now be submitted every year. Junior membership is for those within six years of their PhD. A PhD is not a strict requirement, and I encourage all professionals working in astronomy and related areas to apply.

Please see the following announcements for the timeline of the application procedure:

Individual Member Applications Open:

<https://www.iau.org/news/announcements/detail/ann19059/>

Junior Member Applications Open:

<https://www.iau.org/news/announcements/detail/ann19060/>

Annual report of the IAU's Office of Astronomy for Development

The OAD has released its Annual Report for the 2018-19 year. The 36 page report summarizes the activities of the OAD and its Regional Office over the last year, including an overview of the OAD, flagship themes, special projects and an analysis of the impact of previously funded OAD projects.

The report can be downloaded on the OAD website at: <http://www.astro4dev.org/downloads/>

Passings

I report with sadness the passing of two of our Division G colleagues:

Volodomir A. Zakhozaj, Ukraine,

<https://www.iau.org/administration/membership/individual/943/>

Leonid V. Ksanfomality, Russia,

<https://www.iau.org/administration/membership/individual/3920/>

We will miss them and their contributions.

IAU symposium 365 2nd announcement: "Dynamics of solar and stellar convection zones and atmospheres"

If you wish to attend this symposium, please note that you may now submit applications for travel grants and visa applications. For more information, go to: <http://iaus365.sinp.msu.ru>

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