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IAU Division D Newsletter, March 2022

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* Russian scientists publish open letter condemning the war with Ukraine

We would like to diffuse the open letter of our fellow Russian scientists (several of them part of our Division) condemning the war with Ukraine.

<https://trv-science.ru/en/2022/02/we-are-against-war-en/>

<https://www.science.org/content/article/step-nowhere-russian-scientist-organizes-protest-ukraine-war>

<https://physicsworld.com/a/russian-scientists-condemn-ukraine-invasion-as-international-projects-and-meetings-thrown-into-doubt/>

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* INTEGRAL 20th Announcement of Opportunity (AO-20) call for observing proposals

ESA invites you to submit proposals to the International Gamma-ray Astrophysics Laboratory (INTEGRAL) 20th "Announcement of Opportunity" (AO-20) call for proposals, for observations to be performed during the year 2023. AO-20 opens on Wednesday, 2 March 2022. As previously, ESA provides also the opportunity to propose for coordinated observations with XMM-Newton, NuSTAR and/or Swift with a total of 300 ks, 100 ks and 150 ks, respectively, of their available time.

The CXC is pleased to announce the release of the Chandra Cycle 24 Call for Proposals (CfP). The Call for Proposals, Proposers' Observatory Guide (POG), proposal planning software, and general information are posted on the "Proposer" web page at the CXC website: <http://cxc.cfa.harvard.edu/proposer/>.

Proposals are due: **Tuesday, 10 March 2022 at 6PM** (US Eastern Standard Time)

Change in exclusive use period

The exclusive use (proprietary) period will be six months for GO, TOO, LP and GTO proposals in Cycle 24 and subsequent cycles. See Section 3.2 and Section 3.3 of the CfP for further details.

Referencing for dual anonymous peer review

References must be written in the form of a number in a square bracket, e.g. [1], which will then correspond to the full citation in the reference list.

Split Observations and Overlapping Cycles

There are significant restrictions on the duration of Chandra observations at many solar pitch angles (see POG Section 3.3). Consequences of these restrictions include:

1. It can take up to two years to fully complete an observing cycle, with a roughly 1 year overlap between cycles. Priority is given to observations from earlier cycles, but sometimes unconstrained observations can be scheduled up to two years after the nominal start of a cycle.
2. Longer observations are being split into smaller segments. Proposers should be aware that this trend will continue in Cycle 24 and beyond, with segment durations in the range 10-20 ks expected. Segments may be separated by months and in extreme cases up to two years. Two new constraints are available in Cycle 24 to manage scheduling of split segments:
 - A new flag for phase constrained observations: do unique parts of the phase need to be covered if the observation is split? I.e., do the deferred segments need to be placed in different phase windows than the previously scheduled segments? See Section 4.4 of the CfP for more details
 - A new constraint to specify completion time: if this observation is split, all the segments must be completed within a specified number of days. See Section 4.4 of the CfP for more details.

Allocation of RC and HEL time to Joint Partner Observatories

We are pleased to announce the release of the Cycle 30 Call for Proposals for Hubble Space Telescope (HST) Observations and funding for Archival Research and Theoretical Research programs. Participation in this program is open to all categories of organizations, both domestic and foreign, including educational institutions, profit and nonprofit organizations, NASA Centers, and other Government agencies.

This solicitation for proposals will be open through **March 25, 2022 8:00pm EDT**. The [Astronomer's Proposal Tools](#) (APT), which is required for Phase I Proposal Submission, will be made available for Cycle 30 Phase I use in early February. Results of the selection will be announced in Mid to Late June 2022.

All programmatic and technical information, as well as specific guidelines for proposal preparation, are available from the Current HST Proposal Opportunities Page: <https://hst-docs.stsci.edu/hsp>. Questions can be addressed to the STScI Help Desk <hsthhelp.stsci.edu>.

* The Gruber Foundation (TGF) Fellowship 2022

Applications for the TGF Fellowship 2022 are herewith invited.
Application link: <https://iau.org/submissions/tgf-fellowship/>

Applications should contain:

- the applicant's full name, address, email address and current institute address;
- the applicant's curriculum vitae and list of publications;
- the applicant's research project to be carried out at the desired host institute (length: up to 5 pages of text in Times 12 or equivalent font; with up to 4 figures);
- the starting date and period during which the desired stipend will be used by the applicant at the host institute; in principle this period should be 1 year, up to 2 years at most;
- a draft budget for the use of the desired stipend by the applicant at the host institute (e.g., travel expenses, publications, invitations, etc.);
- a letter of appointment to a postdoc position from the director of the desired host institute, with particular attention to salary issues (salary amount, overheads, etc., to be covered by the host institute);
- the full name, address and email address of 3 referees in the same field of work, who do not necessarily know the applicant in person but are familiar with the applicant's scientific work and prospects for a scientific career; these referees will be contacted

reference, please be sure to submit the application before the deadline. Please note that this deadline ends at 11:59 PM in the IAU office in Paris, France (GMT+1). Queries should be addressed to iau-general.secretary@iap.fr.

Applicants will be notified by the IAU General Secretary of the outcome of the selection before 31 May 2022. The name of the selected TGF Fellow 2022 and that of the host institute will be announced on the IAU website.

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* Upcoming Conferences, Meetings, Workshops

HEAD19: The 19th Divisional Meeting of the High Energy Astrophysics Division of the AAS

March 13-17, 2022

Pittsburgh, USA

<https://aas.org/meetings/head19>

Large-Volume Spectroscopic Analyses of AGN and Star Forming Galaxies in the Era of JWST

March 29-April 1, 2022

Virtual (hosted by STScI)

<https://tinyurl.com/8832tytx>

Intermediate-mass black holes: new science from stellar evolution and cosmology

April 30 - May 3, 2022

San Juan, Puerto Rico

<https://sites.northwestern.edu/imbh>

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/>

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>

Ten Years of the High-Energy Universe in Focus: NuSTAR 2022
June 20-22, 2022
Sardinia, Italy
<https://nustar.github.io/nustar2022/>

International School of Physics "Enrico Fermi": Foundations of Cosmic Ray Astrophysics
June 24-29, 2022
Varenna, Italy
<http://varenna2022.gssi.it>

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
Ouy Nhon, Vietnam

in the next Newsletter, which will be sent out around April 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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