

APS Division of Astrophysics

September 2023 Newsletter

Dear DAP,

Please see the September 2023 DAP newsletter. It will be archived on the DAP website (<https://www.aps.org/units/dap/newsletters/index.cfm>). If you have content you'd like to include in a future newsletter or distribute to DAP membership, please send it to us at dapsectreas@googlegroups.com.

For questions, suggestions, feedback, please contact the DAP Executive Committee at dap-exec@googlegroups.com

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2023 DAP Executive Committee:

Chair: Belinda J Wilkes (04/23–04/24)

University of Bristol

Chair-Elect: Enrico Ramirez-Ruiz (04/23–04/24)

University of California, Santa Cruz

Vice Chair: Rebecca A Surman (04/23–04/24)

University of Notre Dame

Past Chair: Daniel Holz (04/23–04/24)

University of Chicago

Secretary/Treasurer: Alessandra Corsi (04/23–04/25)

Texas Tech University

Deputy Secretary/Treasurer: Michela Negro (04/23–04/25)

Louisiana State University

Councilor: Brian D Fields (01/22–12/25)

University of Illinois at Urbana-Champaign

Member-at-Large: Ann Hornschemeier (04/22–04/24)

NASA Goddard Space Flight Center

Member-at-Large: Kerstin Marie Perez (04/22–04/24)

Columbia University

Member-at-Large: Javier Garcia (04/23–04/25)

Caltech

Member-at-Large: Regina M Caputo (04/23–04/25)

NASA Goddard Space Flight Center

Early Career Member-at-Large: Carl Fields (04/22–04/24)

Early Career Member-at-Large: Nicole Sanchez (04/22–04/24)

Carnegie Observatories

APS April Meeting 2024

Note that the dates of the in-person APS April meeting have been shifted to accommodate those that might wish to observe the Total Solar Eclipse (which will not be observable from Sacramento). The APS April Meeting 2024 will include **two meetings**:

- A fully in-person meeting, April 3-6th, 2024 at the Sacramento Convention Center, Sacramento, CA, with the main sessions live-streamed and recorded for later viewing
- A virtual meeting: dates are forthcoming.

More details will be forthcoming from the APS.

The APS April meeting is the DAP's primary showcase, and we are starting to assemble the program of sessions. The DAP is sponsoring a Plenary session as follows:

Physics and multi-messenger astronomy (MMA)

Organizer: Chris Fryer (fryer@lanl.gov)

- Rebecca Surman (rsurman@nd.edu): MMA and Nuclear Physics
- Nicolas Yunes (nyunes@illinois.edu): Fundamental Physics When Gravity Waves and Light Shine
- Hsin-Yu Chen (himi@mit.edu): Cosmology in the era of Multi-messenger Astronomy

There is still time for you to suggest science or other relevant topics to be highlighted in an invited session (we have been allocated at least 10). Please provide your ideas for session topics and, if possible, suggested invited speakers and/or a chair, using the link below:

[Click here to submit suggestions](#)

Invited sessions consist of three invited talks on a chosen topic. We are committed to presenting a program that highlights the range of expertise as well as the diversity of the DAP membership. Your submissions will help ensure a broad, fascinating and timely scientific program. In addition, if you are interested in organizing a mini-symposium (1 invited speaker and 6 contributed talks) on a DAP topic, please let us know (contact Enrico Ramirez-Ruiz at enrico@ucolick.org). Please do not hesitate to be in touch if you need any help in organizing these symposia.

We look forward to hearing your suggestions!

Cecilia Payne-Gaposchkin Doctoral Dissertation Award in Astrophysics

DAP is soliciting nominations for the DAP Cecilia Payne-Gaposchkin Doctoral Dissertation Award in Astrophysics. This award recognizes doctoral thesis research in astrophysics and encourages effective written and oral presentation of research results. The annual award consists of \$1,500 for the recipient, a certificate, meeting registration waiver, and all finalists will receive a travel reimbursement of up to \$750 in order to present their work in an invited session at the APS April Meeting.

Deadline: Thursday, November 30, 2023

Eligibility and application details are [here](#).

APS Fellows and DAP Membership

Please consider nominating a deserving colleague for a 2024 APS Fellowship. Nominations are due in June 2024. APS Fellowship is one of the highest honors in our community, signifying recognition by one's professional peers. Each year, no more than one half of one percent of the Society's membership is recognized.

Only APS members are eligible for Fellowship. In order to ensure a strong and diverse Division of Astrophysics, we ask you to encourage your colleagues to join APS within the DAP unit (at marginal extra cost) if they have not already done so.

Eligibility and application details:

<https://www.aps.org/programs/honors/fellowships/index.cfm>

DAP Executive Committee Election

Prior to the 2024 April meeting, five new officers will be elected to the DAP Executive Committee.

The open positions will be:

- Chair Line - serves 4 years, rotating through chair line positions
- Two members-at-large - serve 2 years
- Two early-career members-at-large - serve 2 years

The details of the DAP Executive Committee roles and responsibilities are provided in the [bylaws](#).

Nominations Preferred by: November 1, 2023 (Late nominations may be considered)

Please submit nominations via this [form](#).

Election will occur in January 2024.