

Friends of IXPE Forum

April 16, 2026



All participants in Friends of IXPE Forums are expected to engage in a respectful and professional manner that supports open scientific dialogue. Participants should communicate constructively. Disagreements should be expressed courteously and focused on scientific ideas rather than individuals. Participation indicates agreement with this code of conduct.

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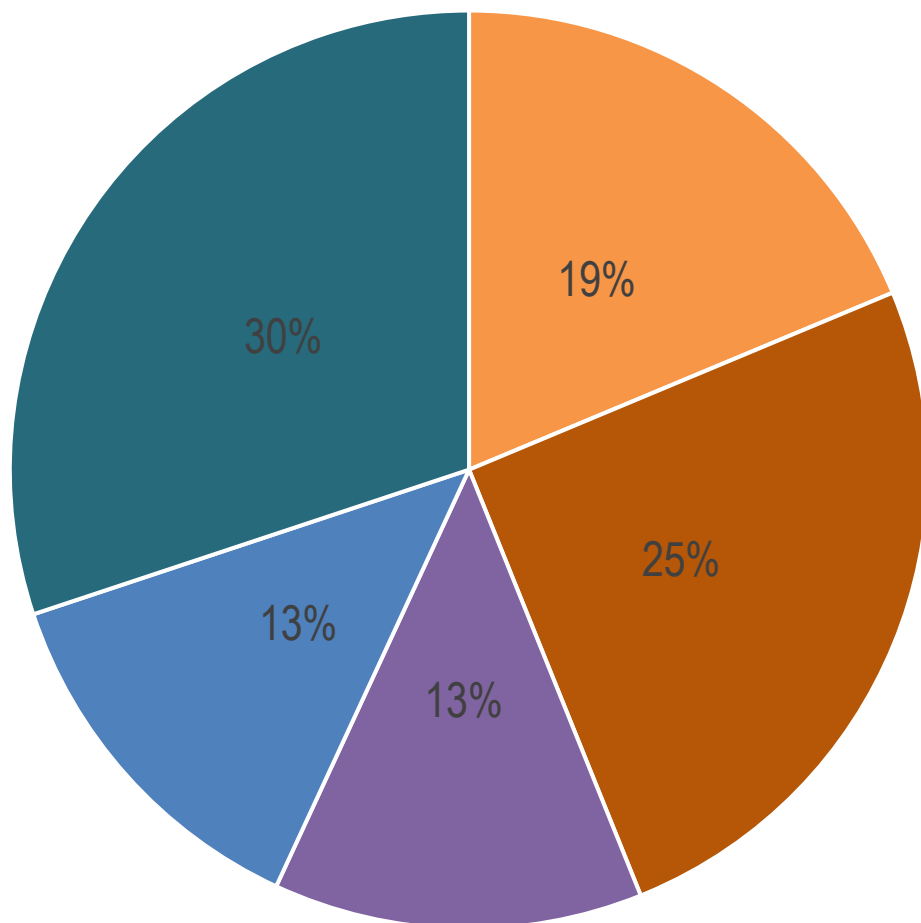


- 1) Goals of the Forum – Phil Kaaret (MSFC)
- 2) Mission and data processing status – Chien-Ting Chen (MSFC/USRA)
- 3) IXPE Results on Supernova Remnants - Riccardo Ferrazzoli (INAF) [10 min]

Goal: inform and support the IXPE user community

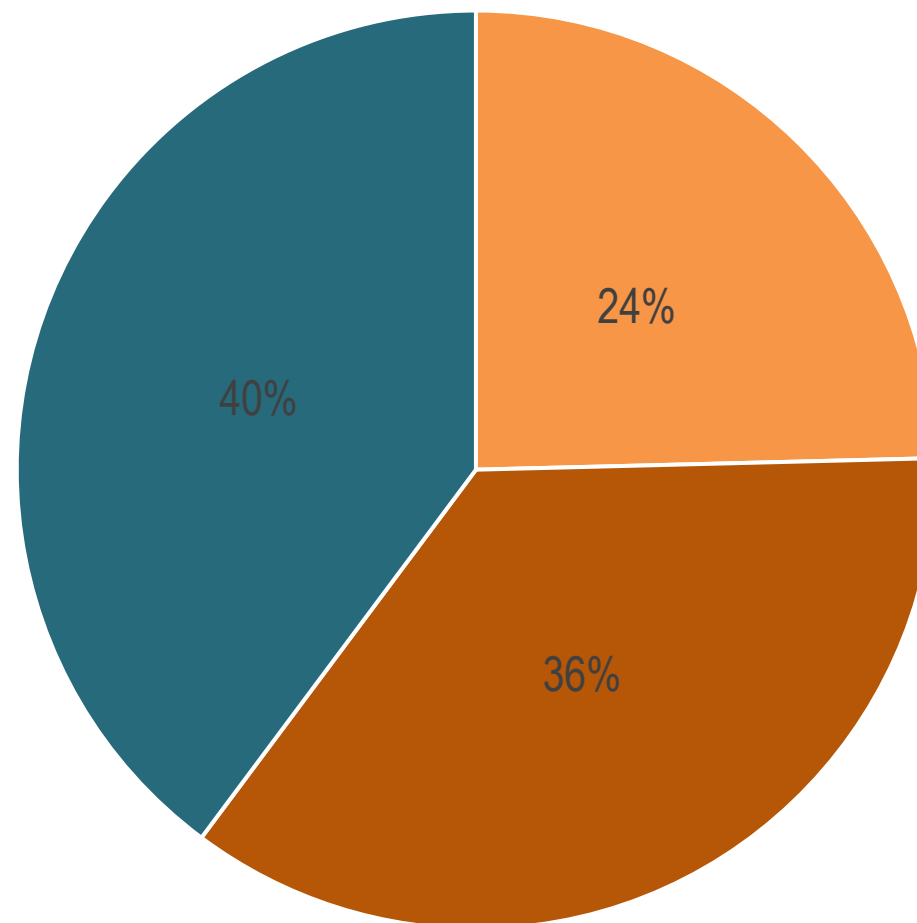
To decide how to do this, we asked you some questions.

Career Stage



■ Student
 ■ Postdoc
 ■ Early career
 ■ Mid career
 ■ Senior

Familiar with IXPE analysis



■ Not
 ■ Somewhat
 ■ Very

Topics suggested by you

Many requests on IXPE data analysis:

- Tutorials on IXPE data reduction, basics of X-ray polarization
- Spectro-polarimetric analysis
- Details on choice of event weighting, handling background
- Statistics of polarization data
- New analysis methods
- Use of both HEASOFT and ixpeobssim

The mission team will give talks over the next several months on these topics, starting with an introductory tutorial on data reduction at our next meeting in May.

We will reach out to those working on new analysis methods to make presentations.

Topics suggested by you

- Changes in telescope performance, calibration updates
 - Will start this month with an update on the Detector Unit 2 re-calibration and re-start of delivery of DU2 data.
 - Will provide monthly updates on mission status, detector/calibration changes, new/updated analysis tools
- How to write better IXPE proposals
 - Pre-proposal workshop for IXPE Cycle 4 is planned for June 30, 2026
 - May include this topic there

Science Talks

- Given by members of the community and by science team members
 - Opportunity for community, particularly students and postdocs, to present
- Brief review talks and short talks on new results
- Talks on theory/modeling as well as observational results
- Any source class observed by or feasible with IXPE
- Talks will be limited to 12 minutes.
- Slides are limited to 10 and must be provided one day in advance.

We are going through the list of volunteers for talks. To volunteer use the same Google Form as for registration: <https://forms.gle/Uu3edbyu3eEeeLzc7>

Goals of the Friends of IXPE Forum

- We welcome feedback via the Google Form:
<https://forms.gle/Uu3edbyu3eEeeLzc7>
 - You can update your responses, particularly the last question “Are there any specific topics that you would like to be covered in these meetings?”
- We also welcome inputs via the meeting chat, at the start and end of each Forum.
- The goal of the Friends of IXPE Forum is to serve and grow the IXPE user community.



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