

INTERNATIONAL CONFERENCE

XPOCO

X-ray Polarization Of Compact Objects

Probing geometry, magnetic fields & emission mechanisms around compact objects.

DATES 11–15 January 2027

VENUE IUCAA, Pune, India

ORGANIZED BY IUCAA

XPOCO brings together the international community to discuss the latest results in X-ray polarimetry of compact objects spanning observations, theory, and simulation in the IXPE era and beyond, across black holes, neutron stars, AGN, magnetars, and transient sources.

Scientific Scope

Stellar-mass black holes | Low-magnetic-field Neutron stars | X-ray pulsars | Magnetars | Radio-quiet AGN | White dwarfs & Transients | Instrumentation & Future scope

Scientific Organising Committee

- Adam Ingram *Durham University, UK*
- Alexandra Veledina *University of Turku, Finland*
- Biswajit Paul *Raman Research Institute (RRI), India*
- Giorgio Matt *Roma Tre University, Italy*
- Jeremy Heyl *University of British Columbia, Canada*
- Manoneeta Chakraborty *IIT Indore, India*
- Michal Dovčiak *ASU, CAS, Czech Republic – (Chair)*
- P. Chris Fragile *College of Charleston, USA*
- Ranjeev Misra *IUCAA, Pune, India – (Co-Chair)*
- Santosh Vadawale *Physical Research Laboratory (PRL), India*
- Shuang-Nan Zhang *IHEP, CAS, China*

Young Scientific Organising Committee

- Akash Garg *IUCAA, Pune*
- Jakub Podgorný *ASU, CAS, Czech Republic*
- Ketan Rikame *Raman Research Institute, Bangalore*
- Lorenzo Marra *INAF-IAPS, Rome, Italy*
- Maria Cristina Baglio *INAF-AOB, Merate, Italy*
- Rahul Sharma *IUCAA, Pune*
- Suchismito Chattopadhyay *IUCAA, Pune*
- Sudeb Ranjan Datta *IUCAA, Pune*
- Tanuman Ghosh *IUCAA, Pune*
- Tathagata Saha *IUCAA, Pune*
- Unnati Kashyap *Texas Tech University, USA*
- Vadim Kravtsov *University of Turku, Finland*



- Abstract submission & Registration deadline: 15th September, 2026.
- Website: <https://web.iucaa.in/ws/~xpoco2027/>
- Email: xpoco2027@iucaa.in



IUCAA The Inter-University Centre for Astronomy and Astrophysics (IUCAA) is one of the premier research institutes in astronomy and astrophysics in India. The faculty at IUCAA have interests in theory, observations, and instrumentation. It has a substantial number of visitors from various Indian universities and astronomy centres in the country and abroad. The workshop will be organized on the IUCAA campus, which is located in the verdant surroundings of the S. P. Pune University.