

Dear Colleagues,

We are very happy to announce X-ray Vision of the Energetic Universe (X-VISION 2023), a joint IAU I-HOW and COSPAR Capacity Building Workshop, to be held at Centre for Space Research, North-West University Potchefstroom, South Africa from February 06 to 17, 2023. X-VISION2023 will provide a unique platform for students and young researchers to learn the art of analyzing X-ray data from XMM-Newton, NICER, and NuSTAR. One of the objectives of this Workshop is to inspire and train young researchers to use revolutionary future X-ray observing facilities (XRISM, ATHENA, Arcus) and take part in frontier research to understand the enthralling hot diffuse universe.

This is an in-person event without any registration fee. Limited financial support for travel will be available for selected participants.

This workshop will feature lectures from a number of renowned experts from various fields. Hands-on sessions spanning a wide array of scientific projects ranging from diffuse emission in galaxy clusters, to ionized outflows in AGNs, to pulsars and transients will be led by representatives from respective instrument teams.

This Workshop is generously supported by South African Gamma-ray Astronomy Programme (SA-GAMMA) and Centre for Space Research (CSR) at North-West University, NASA, and ESA.

We look forward to hosting you under the spectacular southern skies and welcoming you to the rainbow nation filled with diverse cultures, flora, and fauna.

Important dates

- July 19, 2022: First Announcement
- July 19, 2022: Registration Opens
- September 10, 2022: Registration Ends
- October 01, 2022: Acceptance Notification
- February 6, 2023: Workshop starts

For further details and registration please visit our website:

<https://xvisionastro2023.github.io/>

For any queries and information please contact us via email at: xrayvision2023@gmail.com