



NewAthena Community e-Newsletter

Issue #7 18 February 2025

NewAthena X-ray Advances Science Webinar Series February-April Calendar

A graphic titled '2025 NewAthena X-ray Advances ACO Science Webinars' featuring a satellite in the top right corner. It lists three webinars in a vertical column, each with a date in a hexagon, a topic box, and a speaker box. At the bottom, it says 'Organised by the Athena Community Office' and shows logos for ESA, WFI, IFU, and ATHENA.

**2025 NewAthena X-ray Advances
ACO Science Webinars**

26 Feb.
Constraining Disk-to-Corona Power Transfer Fraction, Soft X-ray Excess Origin, and Black Hole Spin Population of Type-1 AGN across Mass Scales.
Labani Mallick (Manitoba University)

27 March
Unveiling Hot Gas Kinematics in Galaxy Clusters with XRISM: Stormy Weather, Multiple Cascades, and Calm Outskirts.
Irina Zhuravleva (Chicago University)

22 April
eROSITA view of the WHIM emission in cosmic filaments.
Xiaoyuan Zhang (MPE)

Organised by the Athena Community Office

ESA WFI IFU ATHENA

The next block of webinars within the *NewAthena* X-ray Advances Science Webinar Series will bring a variety of scientific topics of interest to the astronomical community. The calendar is as follows:

- 26 February - 17-18 CET - **Labani Mallick**
Constraining Disk-to-Corona Power Transfer Fraction, Soft X-ray Excess Origin, and Black Hole Spin Population of Type-1 AGN across Mass Scale.
- 27 March - 16:30-17:30 CET - **Irina Zhuravleva**
Unveiling Hot Gas Kinematics in Galaxy Clusters with XRISM: Stormy Weather, Multiple Cascades, and Calm Outskirts.
- 22 April - 14-15 CEST - **Xiaoyuan Zhang**
eROSITA view of the WHIM emission in cosmic filaments.

The PDF versions of the previous webinars are openly accessible at the [webinars web portal](#), and the recordings are [in the dedicated playlist on the ACO Youtube channel](#). Additionally, there is one Slack channel for further discussions on the webinar's contents, which you can join [here](#).

Please feel free to forward this information to any early career collaborators who

may be interested.

Coming conferences of interest

- [XMM Data Analysis Workshop](#), virtual, 1-3 April 2025. To register your interest and receive the connection info, please fill out the form [here](#) by **March 18, 2025**.
- [Symposium to celebrate the 25th launch anniversary of XMM-Newton](#), Baltimore (USA), 19-22 May 2025. If you are interested in attending and/or would like to be on the symposium email list to receive further updates please fill out [this Google form](#).
- [Dark Matter 2025: From the Smallest to the Largest Scales](#), Santander (Spain), 2-5 June 2025. **Abstract deadline: 02/03/2025**.
- [X-ray Quasi-Periodic Eruptions and Repeating Nuclear Transients](#), ESAC (Spain), 16-19 June 2025. **Abstract deadline: 28/02/2025**.
- [EAS Meeting 2025](#), Cork (Ireland), 23-27 June 2025. Of special interest to the community is the symposium S2: [XRISM and friends: the sharpest view of the X-ray Universe Symposium](#). **Abstract deadline: 03/03/2025**.
- [Vasto Accretion Meeting 2025](#), Vasto (Italy), 23 June - 4 July 2025. **Abstract deadline: 28/02/2025**.
- [Massive Black Holes across Cosmic Time](#), Cambridge (UK), 8-12 September 2025. **Abstract deadline: 21/02/2025**.



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