

## NewAthena Community e-Newsletter

Issue #8

3 March 2025

### Reminder: NewAthena Science Community Call is open!



We **remind you** that the call to be part of the **NewAthena Science Community (NASC)** is **open until 16th of March**.

This call is open to **worldwide** scientists at any career stage, including students, post-doctoral researchers, faculty, research staff, retirees, and those in private enterprises involved in the NewAthena Study. In particular, scientists involved in the development of software for the reduction and scientific analysis of NewAthena data, the planning of the calibration activities and of the corresponding facilities, or in the monitoring of the instrument scientific performance are also encouraged to join the working group 7. Science Support.

**Please fill registration at this webpage.**

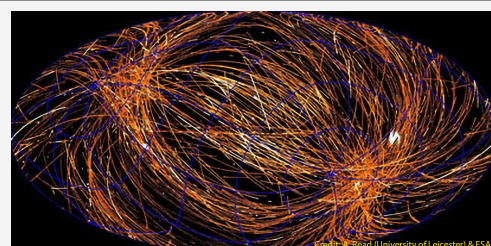
**Full document for the scope and structure of the NASC.**



**Important note for members of the Athena science community:** due to the GDPR of the European Parliament, members of the *Athena* science community must re-apply to the NASC. They shall not assume that their membership in the *Athena* science community can be transferred to the NASC without taking any actions. **Responding to the ACO call for membership is mandatory to become a member of the NASC!**

### Released of the third version of the XMM-Newton slew survey catalogue

The third version of the XMM-Newton slew survey catalogue, **XMMSL3**, was released on 19th February 2025 by the XMM-Newton Survey Science Centre (XMM-SSC) in collaboration with the SOC. This version includes an extra 8.5 years of data, there are 140735 X-ray detections which relate to 116598 unique sources, doubling the number of detections



available in the previous version, XMMSL2.

This catalogue version covers more than 90% of the sky, where some regions of the sky have been pointed as many as 78 times. Around 8% of all the detections are classified as extended. The median positional uncertainty of the catalogue detections is 13 arcseconds. Mean fluxes in the catalogue are  $\sim 2.8E-12$  and  $\sim 6.5E-11$  erg/cm<sup>2</sup>/s in the soft (0.2-2 keV) and hard (2-12 keV) X-ray band, respectively.

**Full XMMSL3 documentation and catalogue files are available [here](#).**

## 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](#).
- [3rd HUBS workshop](#), Beijing (China), 12-15 June 2025. **Abstract deadline: 07/04/2025.**
- [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.**
- [National Astronomy Meeting 2025](#), Durham (UK), 7-11 July 2025. Sessions of special interest are: Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day; Ins and Outs of Accretion: The Consequences of Mass Transfer onto Compact Objects; Chandra and XMM-Newton at 25 – Utilising Several Decades of X-ray Observations. **Abstract deadline: 30/03/2025.**



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