

NewAthena Community e-Newsletter

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Release of 5XMM-DR15 catalogue



The XMM-Newton Survey Science Centre has released 5XMM-DR15, the latest and most complete version of the XMM-Newton Serendipitous Source Catalogue. The catalogue is the result of a full re-reduction of all XMM-Newton data since the start of the mission, using a new stacking procedure that doubles the sensitivity of previous releases.

5XMM-DR15 contains 818,656 sources from 14,616 observations, covering 1,397 sq. degrees of sky.

It introduces new columns including optical (OM) and multi-wavelength counterparts, source classification, spectral fitting, and photometric redshifts.

Alongside it, XMMSL3.1 updates the all-sky slew survey with an extra 2.75 years of data and improved background screening, bringing the total to 121,662 detections across 87% of the sky.

Full details on the [XMM-Newton Survey Science Centre web pages](#).

Next NewAthena Science Webinar on June 24 by Yuki Omiya (Nagoya University)



Due to speaker scheduling constraints, the date of our next NewAthena webinar by **Yuki**



Omiya (Nagoya University) has changed.

New date: 24 June 2026 at 12:00 CEST

Abstract and connection details on [our webinar page](#) at the ACO web portal.

The next NewAthena Science Conference!



Book the dates!: A new **NewAthena science conference** is to be held April next year in **Prague**.

Further information regarding the event will be coming soon.

[Note: web page still under construction]

NewAthena community presentations

Did you know that the ACO website hosts a dedicated section featuring **presentations on NewAthena** given by members of the community?


Our latest additions are the talks given by our Project Scientist Matteo Guainazzi at "CfA, Harvard" on April 22, and at the *NewAthena WG4 Early Career Meeting* on June 5, at ICE-CSIC (Barcelona).

We warmly **encourage members of the community** to **share their talks** with us so they can be featured in the ACO presentation collection.





The Athena Community Office (ACO) is celebrating!

Not quite *For your eyes only*...but almost

On **June 22nd**, we will mark **10 years since the founding of the ACO**, and we're getting ready to celebrate in style! 

Over the past decade, we've shared exciting science, ambitious projects, challenges, and many achievements together. To celebrate this special milestone, we're preparing a few special things that we look forward to sharing with the community.

 Stay tuned for more details coming soon—you won't want to miss it! 

Notice: We are upgrading our e-newsletter delivery system. If you experience issues with links or know someone in the community who is not receiving the e-newsletter, please [contact us](#).



You are receiving this email as you are a member of the *NewAthena* community.
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