



NewAthena Community e-Newsletter

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NewAthena Science Working Group 2: meeting announcement



We are pleased to announce the first NewAthena Science Working Group 2 meeting, to be held at **ESA/ESTEC, Noordwijk**, The Netherlands, on the **25th-29th of January 2027**.

This meeting will bring together researchers working on galaxies and supermassive black holes in X-rays, covering the full scope of SWG2 science: the geometry and origin of X-ray emitting regions, AGN outflows and feedback on host galaxies, AGN population studies, and the seeds and growth of supermassive black holes across cosmic time, as we are nearing the mission adoption.



Registration and abstract submission will open in the first week of September 2026; contributions are welcome on all SWG2 topics. Keep an eye on the website for deadlines and updates:

<https://swg2meeting.com/>

NewAthena Science Working Group 4: The NewAthena Rising (SWG4) Workshop



The **NewAthena Rising: SWG4 Meeting** was held at the Institute of Space Sciences (ICE-CSIC) in Barcelona last week and was a huge success, in no small part due to the hard work of the LOC and SOC.

Conceived as an exclusive opportunity for early-career researchers (within ten years of their PhD defense) to present their research and discuss scientific opportunities in the

context of the forthcoming NewAthena mission, it attracted strong participation, with over 130 attendees (68 in person and 67 joining remotely).

Over the course of the three-day scientific program, 50 early-career researchers delivered presentations, including 40 contributed and 10 keynote talks covering a broad range of compact-object astrophysics, encompassing topics such as X-ray binaries, isolated neutron stars, accreting white dwarfs, and ultraluminous X-ray sources. Key themes included accretion physics, extreme magnetic fields, population studies, and observational constraints on the neutron-star equation of state. Additional information, including the full scientific programme and presentation materials, is available [on the meeting website](#).

NewAthena website Gallery: new satellite design

Looking for a fresh view of NewAthena? Don't forget to visit the [image gallery on the ACO website](#), where you'll find artistic impressions and mission visuals, including some of our most recently released images.

NewAthena YouTube channel

You can find all the webinars we've held so far on our **YouTube** channel. If you were unable to attend any of them or would like to watch them again, visit our channel

<https://www.youtube.com/@athenax-rayobservatory7879>

Coming conferences

- SPIE Astronomical Telescopes + Instrumentation - **Space Telescopes and Instrumentation 2026: Ultraviolet to Gamma Ray_(Conference 14146)**, 5–10 July 2026 in Copenhagen, Denmark

- **6th COSPAR Scientific Assembly: E1.18: Revolutionising High-Energy Astrophysics with NewAthena**, Florence (Italy), 1-8 August 2026.
- **New Results in X-ray Astronomy & NewAthena**, Leicester (UK), 2-3 September 2026. Registration is now open. Deadline for abstract submission: 24th July
- **The many tones of accretion**, Cefalù (Italy), 7-11 September 2026. Deadline for registration 15 Jul 2026.
- **A NICER Legacy: Neutron Stars, Black Holes, and Time-Domain Astronomy**, Maryland (USA), 2-4 November 2026.

More meetings of interest at [Athena Website: Coming conferences](#).

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](#).



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