

NewAthena Science Conference

Monday, 19 April 2027 - Friday, 23 April 2027

Prague

Scientific Programme

The science programme will cover a broad range of topics in high-energy astrophysics, including galaxy groups and clusters, supermassive black holes, compact objects, transient phenomena, multi-messenger astrophysics, and the interplay between high-energy observations and other major astronomical facilities. In particular, it will address the main scientific questions of the NewAthena mission:

How do the largest cosmic structures form and evolve?

How is the Universe enriched with metals?

How do black holes grow and how do they impact the galaxy evolution?

What physical conditions shape the BH and NS environment?

What physical phenomena are associated with multi-messenger events?

How do high-energy phenomena shape stellar evolution and their environs?