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ACME - new European research project for research infrastructures

Thursday, 20 February 2025 17:10 (15 minutes)

The Astrophysics Centre for Multimessenger studies in Europe is a new Horizon Europe-funded project for the years 2024-2028. It gathers 40 world-class collaborating institutions from 14 countries and brings together the astroparticle and astronomy communities for long-term collaboration.

ACME is a pathfinder to broaden and improve access to the research infrastructures services and data, assess and evaluate new models for better coordination and provision of at-scale services, provide harmonized trans-national and virtual access, develop centres of expertise, improve science data products management, improve interoperable systems for rapid identification of astrophysical candidate events and alert distribution to optimize follow-up observations, provide training for a new and broader generation of scientists and engineers, open the astrophysics and astroparticle physics data sets to other disciplines and increase citizen engagement. ACME will also organize several dedicated workshops for scientists and students to provide training in the use and combination of multi-messenger data. NCBJ is coordinating access to time-domain archives and follow-up of multimessenger targets.

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