



Rome

Joint Astrophysics Colloquia

The European Solar Telescope Europe's bid for leadership in solar science

This talk will introduce the project of the European Solar Telescope (EST), considered a key European research infrastructure, and its role in advancing solar physics. We'll discuss the relevant solar phenomena — like magnetic field interactions and solar eruptions — that create space weather and solar storms on Earth. Their study requires high-resolution, multi-layer observation. The EST, with its 4.2-meter Gregorian design and adaptive optics system will provide unprecedented data in magnetic field measurements and observations across a broad spectral range. These capabilities are set to transform our understanding of solar activity by enabling detailed studies of solar magnetic fields and plasma dynamics.



Hector Socas-Navarro

EST Director

Instituto de Astrofísica de Canarias

Monday 18 November 2024 time 14:30 CET

Join in person at Aula Magna “Gismondi” Tor Vergata University (Via della Ricerca Scientifica 1) or online with the MS Teams App

<https://rebrand.ly/JAC-Socas-Navarro>

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