

Session Program

20-24 Jul 2026

From 9 to 40: the SST Telescopes and Gamma-Ray Science with ASTRI and CTAO

Cosmic Rays and their accelerators

Haus Sexten, Congress House
Via Dolomiti 45, 39030, Sexten (BZ) - Alta Pusteria, Italy

Wednesday 22 July

16:00

Cosmic Rays and their accelerators

Session | **Location:** Haus Sexten, Congress House, Via Dolomiti 45, 39030, Sexten (BZ) - Alta Pusteria, Italy | **Convener:** Silvia Celli

16:00–16:30

Key Processes in Cosmic-Ray and Gamma-Ray Acceleration and Propagation (Invited)

Speaker

Elisabete de Gouveia Dal Pino

16:30–16:50

Probing Cosmic-Ray Diffusion Regimes and γ -ray emission in Young Massive Stellar Clusters with 3D MHD Simulations

Speaker

Lucas Barreto-Mota

16:50–17:10

Cosmic ray acceleration by turbulent magnetic reconnection in relativistic jets

Speaker

Dr Petros Stefanou

17:30