

Session Program

21-23 Jan 2015



SUGAR 2015, Geneva

Modeling: particle acceleration and propagation

Wednesday 21 January

14:30

Modeling: particle acceleration and propagation

Session | Location: | Convener: Andrii Neronov

14:30-15:30 **Origin of Galactic Cosmic Rays**

Speaker

Prof. Pasquale Blasi

15:30-16:10

Anisotropic Cosmic Ray Diffusion and its Implications for Gamma-Ray Astronomy

Speaker

Gwenael Giacinti

16:10

Thursday 22 January

14:00

Modeling: particle acceleration and propagation

Session | Location: | Convener: Prof. Pasquale Blasi

14:00-14:40

Acceleration of cosmic rays and gamma-ray emission from supernova remnants and molecular clouds

Speaker

Dr Stefano Gabici

14:40-15:20

Parametrization of gamma-ray production cross-sections for $p-p$ interactions in a broad proton energy range from the kinematic threshold to PeV energies

Speaker

Dr Andrew Taylor

15:20-15:40

Modeling cosmic ray propagation in the Galaxy

Speaker

Carmelo Evoli

15:40-16:00

What can we learn from a sharply falling positron fraction?

Speaker

Timur Delahaye

16:00-16:20

On the CR spectrum released by a type II Supernova Remnant expanding in the presupernova wind.

Speaker

Martina Cardillo

16:20