

Cosmic Ray Origin - beyond the standard models

- second edition -

San Vito di Cadore (Dolomites, Italy)
18-24 September 2016

One hundred years after their discovery great progress has been made in understanding the origin of cosmic rays, but many questions remain. There is now convincing evidence for the long-suspected role of supernova remnants, but it is also clear that not all remnants contribute equally or at the same level throughout their evolution (indeed, there are questions about their overall efficiency as accelerators). In addition to supernova remnants there are strong hints that other categories of sources, such as pulsar wind nebulae, OB star associations, Gamma-Ray Bursts etc, may contribute. This conference is held to critically examine the contributions of all possible sources to cosmic-ray production.

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Andrea Vacchi (INFN Trieste)
Arnulfo Zepeda (Cinvestav, MCTP)

Confirmed invited speakers:

Luke Drury, Pasquale Blasi, Andrew Strong, Eli Waxman, Giovanni Bignami, David Eichler, Marco Tavani, Yasunobu Uchiyama, Andrei Bykov, Mikhail Malkov, Piergiorgio Picozza, Hyesung Kang, Alberto Carramiñana, Peter Meszaros

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