

Particle acceleration to ultra-high rigidities

Tuesday 11 October 2016 11:45 (20 minutes)

It will be argued that the detection of anisotropies at ultra-high energies brings important constraints on the composition of ultra-high energy cosmic rays. In particular, the pattern of anisotropies seen by the Telescope Array experiment suggests that protons are present at these energies. This, in turn, puts strong constraints on the sources.

These constraints as well as the physics of acceleration will be discussed in the second half of this presentation.

Presentation type

oral

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Session Classification: Oct.11AM2