

Extreme energy cosmic rays: where do they all come from?

Tuesday 10 December 2024 12:00 (30 minutes)

I discuss paradoxical situation in detection of the highest energy cosmic rays by Telescope Array and Pierre Auger experiments, in particular, a strong discrepancy between their results for cosmic ray fluxes at energies above the GZK cutoff. I also discuss ideas of new BSM physics and dark matter identity which could naturally resolve these paradoxes.

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Session Classification: Plenary