

Astrophysics and fundamental physics from high-energy cosmic messengers

Monday 14 November 2022 09:00 (50 minutes)

High-energy gamma rays, cosmic rays, and neutrinos are messengers of violent astrophysical phenomena and probes of fundamental physics at extreme energies. Tremendous experimental advance has unlocked vast potential for progress in both directions. First, I will present the basics of high-energy particle production at astrophysical sites. Then I will showcase the main lessons learned and their consequences for our understanding of high-energy astrophysics and fundamental physics. A rich experimental program, currently under planning, holds the promise of transformative understanding in the coming 10-20 years.

Poster fallback option for rejected abstracts for parallel oral presentations

Does not apply

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