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Kinematics and Particle Identification at Very High Energy Colliders

Monday 12 December 2022 14:00 (1 hour)

At collider machines operating at energies much above the electroweak scale, all Standard Model particles will appear essentially massless, including the nominally heavy ones. The kinematic consequences of this can make the signals for the Standard Model, and for other models, very different from the signals at the LHC or other colliders of the past. These differences are explained and some of the common signals are revisited in the context of very high energy colliders.

Session

Future Experiments and Detector Development

Primary author: VINZE, Radhika (University of Mumbai)

Co-authors: MUKHERJEE, Samadrita (Tata Institute of Fundamental Research); RAYCHAUDHURI, Sreerup (Tata Institute of Fundamental Research); BANDYOPADHYAY, Triparno

Presenter: VINZE, Radhika (University of Mumbai)

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