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Ultra-High-Energy Cosmic Rays

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In this talk I will review the status and prospects of understanding the physics of ultra-high-energy cosmic rays. Focusing on the progress made thanks to data of the Pierre Auger Observatory and Telescope Array, observations are discussed in the context of their implications for various source scenarios and remaining uncertainties are highlighted. The talk concludes with a summary of ongoing efforts to upgrade existing cosmic ray detectors and developing new ones with even larger aperture.

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