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## Ultra High Energy Cosmic Rays and the Highest Energies Universe

*Monday 26 November 2018 16:50 (25 minutes)*

I will review the physics of the highest energy cosmic rays. The discovery of their sources, still unknown, will reveal the most energetic astrophysical objects in the universe and could unveil new physics beyond the standard model of particle physics. We will discuss the details of production and propagation of these high energy particles, and the production of secondary cosmogenic particles associated to their transport.

### Content of the contribution

Both

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