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Measurements

45 min. overview talk

## **Energetic particles in the heliosphere**

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The heliosphere is the region around the Sun that is filled by the solar wind and its embedded magnetic field. The interaction of the supersonic solar wind with the local interstellar medium leads to a transition from supersonic to subsonic speeds at the heliospheric termination shock. Within the heliosphere several energetic particle sources, like the Sun, planets and interplanetary shock waves contribute to the cosmic ray flux. In this introduction an overview of the different particle population and their measurements will be given.