



ID contributo: 25

Tipo: **non specificato**

## The Pierre Auger Observatory Upgrade Program

*lunedì 14 settembre 2015 18:00 (25 minuti)*

The Pierre Auger Observatory have been taking data since 2004 and with the complete set of detectors since 2008, with an efficiency above 95%, with very low downtime. Our accuracy in the results have had a deep impact on the area of ultra high energy cosmic rays and new questions and open challenges call for an upgrade of the Observatory.

The planned detector upgrade is presented and the expected performance and improved physics sensitivity of the upgraded Auger Observatory are discussed.

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**Classifica Sessioni:** New Technologies and Next generation of Experiments

**Classificazione della track:** New Technology and Next generation of Experiments