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Type: **Parallel session talk**

Education and outreach activities in the Extreme Energy Events Project

Thursday 29 July 2021 17:42 (18 minutes)

The Extreme Energy Events Project (EEE) is an experiment devoted to the study of Extensive Atmospheric Showers (EAS) through an array of muon telescopes. It was directly born with the intent to involve high school students and teachers in its advanced physics research. Each EEE telescope was built by students and teachers at CERN and most of the telescopes are located inside Italian school buildings where school teams help to monitor and operate the detectors. During the years the EEE project has broadened the telescopes network and its outreach program has been also enriched with new activities. Within the project a large community of researchers, teachers and hundreds of students has been formed, continuously involved in seminars arranged to introduce the young students to data analysis, in meetings to confront their ideas, problems and results, in measurements campaigns where they may also use additional small detectors and help to improve the telescopes performance.

Collaboration / Activity

The EEE Collaboration

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Session Classification: T14: Outreach, Education and Diversity

Track Classification: Outreach, Education and Diversity