



Contribution ID: 105

Type: **Poster contribution**

## Database of Ground Level Enhancements (GLE) of High Energy Solar Proton Events

*Saturday, 1 August 2015 15:30 (1 hour)*

Solar proton events (SPE) occur as a result of massive acceleration of charged particles in the solar corona and/or interplanetary space. Usually such events provide quite a soft spectrum of energetic particles, but sometimes the spectrum can appear hard with energy of solar protons being sufficient to be detected on ground. Such exceptional events are called GLE (ground-level enhancements) and are numbered consecutively from the first event that was detected in 1942.

Here we present an international GLE database hosted by the University of Oulu, that is an inheritance of previous similar databases developed in USA and Australia. We acknowledge work of Louise Gentile, Mark Duldig and Harm Moraal. The database is located at <http://gle.oulu.fi>

The interface and data organization are discussed as well as a possibility for accessing and mirroring the database.

### Collaboration

– not specified –

### Registration number following "ICRC2015-I"

113

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**Session Classification:** Poster 2 SH

**Track Classification:** SH-EX