Contribution ID: 11

## The Anisotropy of TeV Cosmic Rays: an interpretation

Saturday, 29 October 2011 17:00 (15 minutes)

The history of anisotropy measurements has a long history and some attempts at interpretations have already been made.

The early measurements are important in view of giving a check on the validity of the contemporary exciting measurements. So far they seem to confirm and complement them, at least for the large scale anisotropies. The small scale anisotropies, forming 'striations' perpendicular to the Ecliptic Plane, pose a challenge and may indicate new features of the Local Interstellar Medium.

An attempt will be made to give an explanation of the features and predictions will be given as to what to expect next.

**Primary authors:** Prof. ERLYKIN, Anatoliy (Lebedev Institute, Moscow, Russia); Prof. WOLFENDALE, Arnold (Durham University)

Presenter: Dr ABBASI, Rasha (University of Wisconsin-Madison)

Session Classification: Heliosphere and Local ISM II