



ID de Contribution: 8

Type: **oral presentation**

Coherent radio-wave emission from extensive air showers.

mercredi 30 juin 2010 15:50 (30 minutes)

The general properties of coherent electromagnetic radiation from extensive air showers will be discussed. It will be shown how certain properties of the radio signal can be understood independent of the details of the model and how other aspects reflect properties of the shower that we want to determine. Most of the examples will be based on the Macroscopic GeoMagnetic Radiation model, motivated from the underlying microscopic picture.

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Classification de Session: Cosmic ray radio decametric detection, signal nature and current experiments