

# The Elemental Composition of Galactic Cosmic Rays

*Saturday, 29 October 2011 12:00 (20 minutes)*

One of the key observables to understand the origin and the sources of Galactic cosmic rays is their elemental composition. The abundance of elements is measured directly with detectors above the atmosphere on balloons and satellites. At energies exceeding  $10^{14}$  eV information on the composition is derived from the observation of extensive air showers. Results of recent measurements will be reviewed and the implications on our current understanding of the origin of Galactic cosmic rays will be discussed.

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**Session Classification:** CR spectral features and anisotropy