

Trying to Understand the Interstellar Transport and Resulting Anisotropies of Galactic Cosmic Rays

Friday, 28 October 2011 12:20 (20 minutes)

The observed interstellar anisotropies of galactic cosmic rays, and their energy dependence, are a major source of information concerning their origin and transport in the galaxy. They also present significant challenges to our understanding. I will discuss possible interpretations of some of the anisotropies in terms of interstellar transport in the interstellar magnetic field and some of the resulting implications for our understanding of interstellar turbulence.

Presenter: Prof. JOKIPII, J.R. (Randy) (University of Arizona)

Session Classification: Models and implications of CR anisotropy