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TeV anisotropy 30 min. invited talk

## Ultra-High Energy Cosmic Ray Anisotropies and the Role of Cosmic Magnetic Fields

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The ultra-high energy cosmic ray sky is surprisingly isotropic, with only modestly significant indications for anisotropies despite growing statistics. This gives rise to considerable constraints on astrophysical scenarios for the distribution of sources. Both galactic and extragalactic magnetic fields have a significant effect on the predicted anisotropy. Under certain conditions, in particular if the source distribution is highly structured, the predicted anisotropy can actually grow with increasing magnetic field strengths. We will give an overview of current theoretical and simulation work on ultra-high energy cosmic ray anisotropy predictions.