## 28th Texas Symposium on Relativistic Astrophysics



Contribution ID: 263 Type: Talk

## Prospects of constraining primordial magnetic fields using their effects on CMB, LSS and ionization history

Tuesday 15 December 2015 16:35 (20 minutes)

The presence of large scale magnetic fields at different epochs can be probed by their impact on different observables such as the CMB spectrum, primary and secondary CMB anisotropies, matter power spectrum and 21cm line emission. I will give an overview of these effects together with constraints from current and future experiments.

Primary author: Dr KUNZE, Kerstin (University of Salamanca)

**Presenter:** Dr KUNZE, Kerstin (University of Salamanca) **Session Classification:** 10 - Cosmic magnetic fields