

RIA Meeting: Physics opportunities with a new universe's view: the SKA radio telescope

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Cosmic magnetism

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Magnetic fields are observed on nearly all scales in the universe, from stars and galaxies upto galaxy clusters and even beyond. The origin of cosmic magnetic fields is still an open question, however a large class of models puts its origin in the very early universe. Observations of the CMB, LSS and 21 cm line can be used to constrain the magnetic field parameters.

Summary

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Session Classification : Cosmic Magnetism