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## The magnetized Universe

*Tuesday, 28 November 2023 15:00 (30 minutes)*

Cosmic magnetism is one of the scientific drivers for the SKA. Magnetic fields are indeed ubiquitous in the Universe. Although it is known that their presence has an impact on the physics of the objects that host them, their origin and evolution is still under debated.

In this talk, I will provide an overview of the scientific motivation for the SKA investigation of cosmic magnetism, strategies, and some recent results obtained with the SKA pathfinders and precursors.

### Research area

Magnetism

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