

The Fourth National Workshop on the SKA Project



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Galactic science with SKA & precursors: towards the sharpest view of Our Galaxy

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Galactic science in the radio domain stands at the brink of a profound revolution, thanks to the impressive leap forward in resolution and sensitivity afforded by SKA precursors. To harness this transformative potential, the Our Galaxy working group emerges as a key collaborative hub within the SKA community, bringing together experts from multiple areas.

In this talk, we will offer a concise snapshot of the current “Galactic landscape”, focusing on the most urging open questions, from star formation and evolution to Galactic structure. Then, we will review some of the most impactful results achieved with SKA precursors and pathfinders in recent years. Finally, we will assess the prospects for SKA Galactic science in the years to come, exploring possible synergies within the SKA community and with other instruments.

Research area

Our Galaxy

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