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Preparing SKA-Low for Science: Commissioning a Next-Generation Low-Frequency Array

Thursday 10 July 2025 10:30 (15 minutes)

SKA-Low is entering a critical phase as commissioning advances across its growing array of stations in Western Australia. This talk will give an overview of the commissioning work underway, share key milestones—such as the first image and pulsar detections—outlining the early performance. The talk will also describe assessment of current operational success based on a working definition that highlights the volume of successful observations versus those requiring troubleshooting, with visual representation capturing the added complexity of operating during the construction phase. These efforts are laying the foundation for SKA-Low's transformative role in exploring the low-frequency radio Universe.

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