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## Radio variability with ASKAP and LOFAR

*lundi 20 octobre 2025 14:40 (20 minutes)*

In this talk, I will discuss the current state of transient studies in the radio domain. With SKA precursor and pathfinder instruments, we are collecting unprecedentedly rich and dense datasets, opening new frontiers in transient astronomy. However, this rapid data influx presents key challenges, particularly in storage and accessibility of light curve data. I will highlight these challenges and explore how radio observations offer unique advantages in identifying and characterizing transients by showing a few compelling examples.

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**Classification de Session:** Messengers