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From LOFAR to LOFAR 2.0: current and future surveys at the lowest frequencies

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In these talk I will review the successful story of LOFAR, covering a decade of important scientific results obtained with low-frequency radio observations with a particular focus on radio surveys. I will then introduce the LOFAR 2.0 upgrade and the expected improvement in terms of data quality and scientific outcome. The upgrade is aimed at leverage the existing hardware, software and community while remaining impactful well into the SKA era. Finally, I will outline possible synergies between LOFAR and SKA (and its precursors).

Reasearch area

Other

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