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LOFAR and the the Italian involvement

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LOFAR is largest pathfinder of the SKA-low, achieving sensitivity and angular resolution 100 times better than in past instruments, LOFAR is opening a new observational window at the low radio frequencies. Italy, led by INAF, has been a member of the International LOFAR Telescope since the second half of 2018 and since then the Italian community has become one of the most important communities within the collaboration. In this talk I will summarize the main potential of the instrument and its future roadmap, and I will focus on the scientific and technological contribution of our community.

Research area

Other

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