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Transient and Variable Radio Sources in the LOFAR Sky

An Architecture for a Detection Framework

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Front cover: “Opening the New Radio Window”, a symbolic illustration of the new glance that the next-generation radio telescope LOFAR casts on the sky. The radio CS10 survey map at 60 MHz was produced and kindly provided by S.J. Wijnholds (© 2010). The photograph “A Dark Sky Over Sequoia National Park”, is available at the Astronomical Picture of the Day, <http://antwrp.gsfc.nasa.gov/apod/ap090827.html>; credit: D. Duriscoe, C. Duriscoe, R. Pilewski, & L. Pilewski, U.S. NPS Night Sky Program.

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Transient and Variable Radio Sources in the LOFAR Sky

An Architecture for a Detection Framework

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Aan mijn dierbare familie