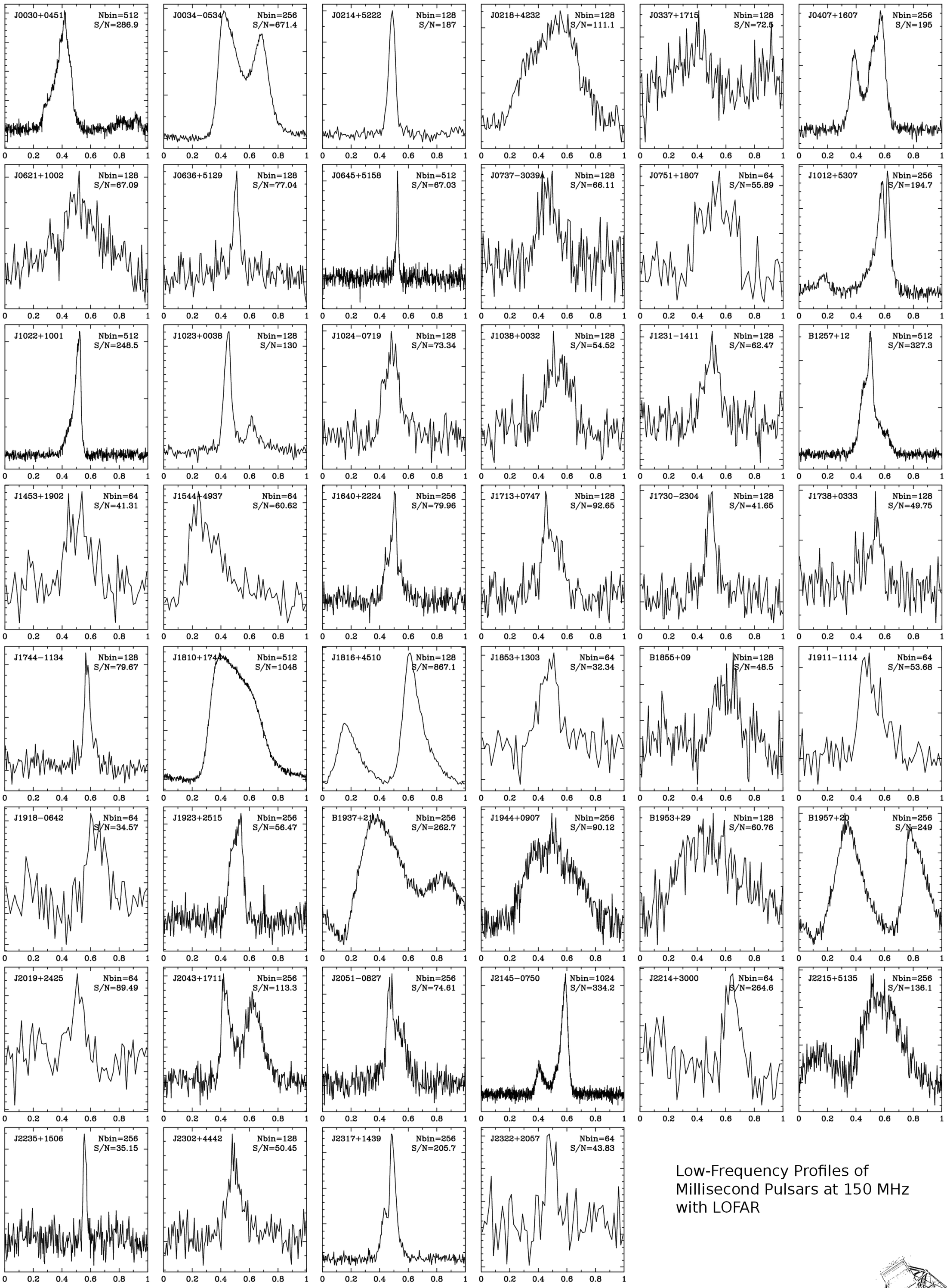

Low-Frequency Profiles of Millisecond Pulsars at 150 MHz with LOFAR

This is the largest sample of millisecond pulsars ever observed and detected with a single radio telescope at these low frequencies. Regular monitoring of pulsar dispersion and rotation measures and scattering will provide a “weather report” in the interstellar medium to improve pulsar timing precision at higher observing frequencies.

Vlad Kondratiev on behalf of the LOFAR Pulsar Working Group

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