

# Spectra of pulsars

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**ABSTRACT:** The spectrum of a radio source is a vital signature of the emission process in the source. The studies of the spectra of extragalactic radio sources led to a viable interpretation of the cause of the radio emission. This same process for pulsars has led to the accumulation of much data but so far to no decisive conclusion about the emission process. In this talk I will review the present knowledge on pulsar spectra, both for slow pulsars and millisecond pulsars. New data has become available on some pulsars, especially at the highest radio frequencies. Recent surveys in the southern skies add new data confirming published discussions. The crucial ‘closing of the gap’ between radio spectrum and the FIR/optical range may become a reality with new radio telescopes like ALMA coming on line.