

# Crab Pulsar

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# What is a Pulsar?

# Aims and Goals of the Experiment

- 1 Measure DMs of multiple pulsars and find their distance from the earth.
- 2 Measure the period and identify pulsars by Fourier analysis of their data.
- 3 Measure the period of the Crab Pulsar a period of time using pulsar timing techniques to find its period derivative, and hence estimate its surface magnetic field and age.