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## Neutron Stars in the Era of Gravitational Wave Astronomy

The detection of gravitational waves 6 years ago and the first detection of binary neutron stars mergers two years later signalled the beginning of a new era for Gravitation and Astrophysics. Neutron stars is a prominent source of gravitational waves and the first observations from them already provided unique information for their structure but also for the associated physics. We will review the results of the last four years and we will discuss the expectations and the challenges from the new observations that will commence in about 10 months.

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