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Gravitational waves from spinning neutron stars

Monday 8 September 2014 15:20 (20 minutes)

In this talk I will describe how spinning neutron stars can produce long-lived gravitational wave signals. I will explain how the strength of this emission relates to the properties of the star, and describe the connection with the properties of matter at very high density. I will also describe efforts to detect such gravitational waves directly, and outline the key issues in this large experimental endeavour.

Author: JONES, Ian (University of Southampton)

Presenter: JONES, Ian (University of Southampton)

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