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## The story of GW 170817 - GRB 170817A: from gravitational waves to heavy elements

The detection of gravitational waves from the binary neutron star merger, GW 170817, and subsequent short GRB as well as a kilonova signature and late afterglow confirmed a standing predictions and opened new fields of research. In this talk I will review early predictions, observations and interpretation as well as lessons that have been learnt. I will also review the exciting new line of studies that has emerged from this discovery and expectations for future events.

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