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## GW150914: The Birth of Gravitational-Wave Astronomy

*Friday, 20 May 2016 16:00 (40 minutes)*

The detection by LIGO of GW150914 marks the beginning of a new era in physics and astrophysics. I will review theoretical work that paved the way to observe such a gravitational-wave signal and discuss the results of the discovery focusing on its gravitational, astrophysical and fundamental physics aspects.

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**Session Classification:** Plenary 20 pm