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Search for gravitational waves with LIGO. SERGEY KLIMENKO, University of Florida — The Laser Interferometer Gravitational-Wave Observatory (LIGO) is a facility at US dedicated to the detection of cosmic gravitational waves. It consists of three detectors operated in unison as a single observatory. The LIGO observatory is a part of a developing global network of gravitational wave detectors. I will talk about recent LIGO results and future prospects.

Sergey Klimenko University of Florida

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