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was awarded to three individual physicists for their role in the discovery and testing of artificial gravity waves Antigravity First observation of gravitational waves Gravitational waves plan Gravitational field Gravitational field Gravitational space Gravitational astronomy background Gravitational-wave observatory Gravitomagnetism Graviton (and Gravitational wave observation) Hawking radiation, for gravitationally induced electromagnetic radiation by black holes HM Cancri LISA, DECIGO and BBO - Proposed space detectors LIGO, Virgo interferometer, GEO600, KAGRA, and TAMA 300 - Ground Gravitational Wave Detectors Linear Gravitational Wave Detectors Pp-wave metric space-time, for an important class of exact solutions modeling psr B1913-16 gravitational radiation, the first binary pulsar discovered and the first experimental evidence of the existence of gravitational waves. 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