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The Advanced LIGO detectors at the beginning of the new gravitational wave era (30' + 5')

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The two advanced detectors of the Laser Gravitational Wave Observatory (LIGO) recently reported the first direct detection of gravitational waves, opening a new era for astronomy and astrophysics. Even if not yet operating at full sensitivity, Advanced LIGO has already largely surpassed the space-time volume surveyed by previous observations. This talk describes the Advanced LIGO detectors, their current sensitivity performance, and future prospects.

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