

Holography in the Gravitational-Wave Era

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The discovery of gravitational waves has opened a new experimental window into the Universe. The fact that the relevant physics is often out of equilibrium offers a golden opportunity for holography to make a unique impact on cosmology and astrophysics. I will illustrate this through the dynamics of first-order phase transitions in the early Universe and in neutron star mergers. If time permits, I will briefly mention possible applications to thermal inflation and baryogenesis.

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