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Primordial black holes and gravitational waves from inflation

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Thanks to the rapid progress in gravitational wave astronomy/cosmology, primordial black holes (PBHs) have become one of the hot topics in cosmology. It has made projections of detecting signatures of PBHs feasible. In parallel, it has become clear that there exist a number of ways to produce PBHs from inflation. In this talk, I'll review the PBH formation from inflation and the associated gravitational wave signatures.

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