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Space GW Antennae: DECIGO/B-DECIGO

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DECIGO is a future gravitational wave antenna for direct observation of primordial gravitational waves from the early universe. It will be formed by three spacecraft separated by 1,000km from each other. B-DECIGO is its precursor mission with 1/10 scale. It is still very sensitive at 0.1Hz frequency band to observe compact binaries, intermediate-mass BBHs, and GW foregrounds. In this presentation, we will show the concept and current status of DECIGO/B-DECIGO missions.

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