

# Measuring Phase Transition Gravitational Waves and Higgs Self-couplings

*Sunday, 23 November 2025 09:00 (25 minutes)*

I will discuss how to measure the gravitational wave spectrum from cosmological first order phase transitions, in particular the Electroweak phase transitions, and how to then predict observables which are important but difficult to measure by other experiments, like the Higgs self-couplings.

**Primary author:** GUO, Huaike (University of Chinese Academy of Sciences)

**Presenter:** GUO, Huaike (University of Chinese Academy of Sciences)

**Session Classification:** Session 9