

Chongqing University and IBS CTPU-CGA Joint Workshop on the Frontiers
of Theoretical Cosmology

Contribution ID : 78

Type : **Invited Talk**

FoPTs, PBHs, SIGWs, and SWs from early Universe

Friday, 22 May 2026 11:20 (40)

In this talk, I will first introduce our recent progress in first-order phase transitions, in particular, generations of density perturbations, formations of PBHs, associated scalar-induced gravitational waves, and productions of sound waves from gravitational instability.

Presenter(s): Prof. WANG, Shao-Jiang (Institute of Theoretical Physics, Chinese Academy of Sciences)

Session Classification : Day 3