

ALICE 探测器升级大会报告

Sunday, 2 November 2025 09:45 (25 minutes)

This talk will present the current upgrade status of the ALICE experiment detectors and electronics for ALICE 2.1, as well as the future participation of the Chinese collaboration in the ALICE 3 upgrade. Currently, Central China Normal University and China Institute of Atomic Energy are participating in the ALICE 2.1 upgrade, which includes work on the ITS3 (Inner Tracking System 3) and FoCal (Forward Calorimeter) upgrades, with in-depth involvement in the research and development of detectors and electronics. University of Science and Technology of China and Fudan University are focusing on the research and development of the TOF (Time-of-Flight) detector for the ALICE 3 experiment, with a key focus on advancing AC-LGAD technology.

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