

# Mingrui Zhao

Mingrui is a third-year undergraduate student in Tsinghua University, China. He has been working for LHCb collaboration for one year. He studied  $\psi(2s)$  production and cold nuclear matter effects with LHCb in proton-lead collisions during his second year in Tsinghua. He has also worked on the tuning of Hijing generator. He is now the Monte Carlo liaison for heavy ion and fixed target work group in LHCb.

During this summer at CERN, he worked on the analysis of measurement of  $J/\psi$  production cross-section in pp collisions at 5 TeV and the measurement of central exclusive  $J/\psi$  production cross-section in lead-lead collisions at 5 TeV. These analyses would be finished in the near future.

He will introduce his work on the measurement of central exclusive  $J/\psi$  production cross-section in lead-lead collisions at 5 TeV today.