NA61/SHINE

Pb data-taking period in November 2022
Summary

• Very successful two-week-long Pb period of NA61/SHINE
  • the first week was used to commission the upgraded detector with the Pb beam
    • showing its excellent performance for physics measurements with beams from hadrons to lead
    • the second week of the Pb run was devoted to collecting physics data for the open cham program
  • During the physics data-taking week, about 57M events were recorded
    • this includes about 35M minimum bias Pb+Pb collisions at 150A GeV/c
  • We reached a stable condition for data taking with an event rate of about 800 Hz
  • No major problems from the beam or the infrastructure side
  • Thanks to the CERN EP, BE, HSE and EN Departments for your strong support and perfect cooperation during the Pb run
Pb+Pb collision in SHINE Time Projection Chambers
Pb+Pb collisions in SHINE Alpide Vertex Detector