



LHC Seminar

SPEAKER: Ante Bilandzic (Technische Universitaet Muenchen (DE))

TITLE: **First results from ALICE on anisotropic flow at Run 2 at LHC**

DATE: Tue 08/03/2016 11:00

PLACE: Main Auditorium

ABSTRACT

The goal of studies with relativistic heavy-ion collisions is to investigate the Quark-Gluon Plasma (QGP), a state of matter where quarks and gluons move freely over distances large in comparison to the typical size of a hadron. The exploration of QGP properties has broken new ground with the recent heavy-ion collisions from Run 2 operations at Large Hadron Collider, at the highest energies to date. The ALICE Collaboration has made the first observation of anisotropic flow of charged particles in lead-lead collisions at the record breaking energy of 5.02 TeV per nucleon pair. The talk presents these new results and discusses how they further enlighten the properties of matter produced in ultrarelativistic nuclear collisions.