

From the Vacuum to the Universe

Sunday, 26 June 2016 - Friday, 1 July 2016

Kitzbühel

Scientific Programme

Collider physics including the Higgs boson, flavor physics and searches for new phenomena

Precision measurements, Edms, CPT, neutrons and gravity, quantum tests of (quantum) gravity

Neutrinos and neutrino astrophysics

QCD in the proton, relativistic heavy ion collisions, neutron stars and QCD radiative corrections

Supernova explosions

Cosmology and Dark Energy

Gravitational waves

Technology: future accelerators

Mathematical basis of the quantum theory of elementary particles