

Contribution ID: 70

Type: not specified

Collider to Cosmology- mini bang to the big bang

Tuesday 13 October 2015 14:00 (30 minutes)

Collision between two nuclei (mini bang) in an accelerator, such as RHIC, LHC at ultra-relativistic energies melts the hadrons (neutron, proton and mesons) and a new state of matter, consisting of quarks and gluons, Quark Gluon Plasma (QGP) is produced. In the universe, the big bang leads to the creation of the universe. Microsecond after the big bang the universe consisted of quarks, gluons and leptons, somewhat similar to what we are experimenting in the laboratory.

What do we learn from these extraordinary events?

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Session Classification: Outreach Programme on Different Aspects of Astroparticle Physics and Cosmology