

Particle Physics in Austria

Monday 26 September 2011 15:00 (30 minutes)

Particle Physics in Austria is diversifying. The accelerator-based experimental efforts are presently being carried out at LHC (ATLAS and CMS) and Belle/ Belle II at KEK. Hadron physics, with emphasis on perturbative QCD studies are being pursued at several research facilities. Recently a major astrophysics and astroparticle physics programme has been launched at Innsbruck. Exciting new particle physics avenues are being explored with precision experiments at ultra-low energies. Theoretical efforts have also been strengthened, particularly in the area of QCD. This vast discovery potential of these various directions is matched with ambitious plans for the further development of the field in Austria.

Presenter: FABJAN, Christian (ÖAW-HEPHY & University of Technology, Vienna)

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