



Graduate Physics Seminar
Wednesday, 1 February 2012 from 4 PM
University of Nova Gorica

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Particle Physics with High Energy Cosmic Rays

Abstract

High energy Cosmic rays are an unique window to explore Particle Physics at energy scales well above those reached by man-made particle accelerators. This window is being exploited by a new generation of large cosmic rays experiments, namely by the Pierre Auger Observatory. Recently, a set of results have been published, some of which can not be easily explained in the framework of current hadronic interaction models. In this seminar the present and the future of this field will be reviewed and discussed.