Collider Physics in Mexico

Tuesday 05 September 2017 - Friday 08 September 2017

Universidad Iberoamericana

Conference Scientific Programme

The program includes the following: **Lectures** a) Introduction to QCD - Martin Hentschinski (Universidad de Las Americas, Mexico) b) Collider Phenomenology - Roger Hernández-Pinto (Universidad Autónoma de Sinaloa, Mexico) c) Computer tools in HEP - Deepak Kar (University of Witwatersrand, South Africa) **Seminars** a) Forward Physics - Christophe Royon (University of Kansas, United States of America) b) Experimental Results - Cristina Oropeza Barrera (Universidad Iberoamericana, Mexico) c) Higgs Physics - Lorenzo Díaz-Cruz (Benemérita Universidad Autónoma de Puebla, Mexico) d) Colliders and detectors - Antonio Ortiz Velásquez (ICN-UNAM, Mexico) e) Jet substructure - Deepak Kar (University of Witwatersrand, South Africa) **Hands-on sessions** Tutorial sessions on collider computer tools covering Madgraph and Rivet will be held during the afternoons.