

20th Anniversary of the Foundation of the Pierre Auger Observatory

Thursday 14 November 2019 - Saturday 16 November 2019

Pierre Auger Observatory

Conference Scientific Programme

Auger Symposium Agenda Thursday 14 November 8:30 – 9:30 – *Welcoming and Registration to the Symposium* 9:30 – 13:00 – *Auger Symposium (Convention Center, red room) [in parallel Science Fair]* 09:30-09:45 Introduction [Ralph Engel] 09:45-10:10 History of the Auger Observatory - part 1 [Alan Watson] 10:10-10:30 History of the Auger Observatory - part 2 [Paul Mantsch] 10:30 – 11:00 *coffee break* 11:00-11:30 Highlights from the Pierre Auger Observatory [Ralph Engel] 11:30-12:00 Highlights from Telescope Array [Soichi Ogio] 11:30-12:00 UHECR acceleration [Martin Lemoine] 12:00-12:30 UHECR propagation [Silvia Mollerach] 13:00 – 15:00 – *Lunch* 15:00 – 18:00 – *Auger Symposium (Convention Center, red room) [in parallel Science Fair]* 15:00-15:30 Transition from galactic to extragalactic CRs [Roberto Aloisio] 15:30-16:00 GeV gamma ray review [Julie Mc Enery] 16:00-16:30 TeV gamma ray review [Alessandro De Angelis] 16:30 – 17:00 *coffee break* 17:00-17:30 Magnetic fields [Glennys Farrar] 17:30-18:00 High energy neutrino observations [Markus Ahlers] 18:00 – 19:30 *light reception* 20:30 – 22:00 – General public talk in Spanish [Ingo Allekotte and Alberto Etchegoyen] **Friday 15 November** 9:00 – 13:00 – *Auger Symposium (Convention Center, red room) [in parallel Science Fair]* 09:00-09:30 History of the interaction of HEP and CR communities [Mike Albrow] 09:30-10:00 Hadronic Interactions and LHC [Albert de Roeck] 10:00-10:30 Gravitational waves [Stavros Katsanevas] 10:30-11:00 *coffee break* 11:00-11:30 Putting things together - multimessenger view [Felix Aharonian] 11:30-12:00 Radio projects [Anna Nelles] 12:00-12:30 Future of astroparticle physics [tbc] 12:30-13:00 AugerPrime & outlook at tour [Antonella Castellina] 13:00-18:00 – *Tour of the Pierre Auger Observatory – Lunch at Coihueco*