XIV INTERNATIONAL WORKSHOP ON HADRON PHYSICS

18-23 March 2018

Florianópolis, Santa Catarina, Brazil

Lectures

Jaume Carbonell (CNRS, France) : Nuclear physics and its relation with lattice QCD.

Mateusz Ploskon (Lawrence Berkeley National Laboratory, USA) : High-energy heavy-ion collisions Hot QCD in a lab.

Jorge Piekarewicz (Florida State University, USA) : Nuclear Astrophysics in the new era of multi-messenger Astronomy.

Igor Shovkovy (Arizona State University, USA) : Magnetic catalysis in QCD in a superstrong magnetic field.

Seminars

Arlene Cristina Aguilar (Unicamp – Brazil) : Quark mass generation with Schwinger-Dyson equations.

Alfonso Ballon Bayona (IFT-UNESP – Brazil) : An effective holographic approach to QCD.

Diogo Boito (IF-USP São Carlos) – Brazil : Precision QCD with tau decays.

Debarati Chatterjee (LPC – Caen – França) : An empirical Equation of State for nuclear physics and astrophysics.

Gustavo Gil da Silveira (CMS - Cern) : QCD probes at LHC.

Daniel Gomez Dumm (La Plata – Argentina) : Effects of strong magnetic fields on quark matter a and neutral meson properties within nonlocal chiral quark models.

Mariana Dutra (UFF – Brazil) : Critical parameters of consistent relativistic mean-field models.

Victor P. Barros Gonçalves (UFPel – Brazil) : Implications of hadronic interactions in the Cosmic Ray and Neutrino Physics.

Tereza Mendes (IF-USP São Carlos – Brazil) : Confinement and deconfinement from lattice simulations.

Bruno Werneck Mintz (UERJ – Brazil) : A first survey of the ghost-gluon vertex in the Gribov-Zwanziger framework.

Arthur M. Moraes (CMS – Cern) : LHC measurements of QCD.

Roman Pasechnik (Lund University – Sweden) : Probing soft QCD with exclusive reactions.

Wei-Liang Qian (USP – Brazil) : A quasi-particle equation of state with a phenomenological critical point for heavy-ion nuclear collisions.

For More Information: hadrons18.org

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