

Topics in Theoretical Physics

Dec. 19-21, 2016

Departamento de Física

Universidad Nacional de La Plata, Argentina.

Speakers

Gustavo Lozano, Universidad de Buenos Aires, Argentina.

Jorge Russo, Universitat de Barcelona, Spain.

Fidel I. Schaposnik Massolo, Seoul National University, Korea.

Diego Trancanelli, University of São Paulo, Brazil.

James Unwin, University of Illinois at Chicago, USA.

Program

Lunes 19

10.00: J. Unwin

Introduction to Dark Matter

11.15: J. Russo

Supersymmetric Localization and some applications to gauge theories

14.30: F. Schaposnik-Massolo

From Sachdev-Ye-Kitaev to matrix models

Martes 20

10.00: J. Russo

Novel phase transition in three dimensional quantum electrodynamics with matter.

11.15: D. Trancanelli

Precision holography with supersymmetric Wilson loops.

Miércoles 21

10.00: J. Unwin

Dark Matter meets Particle Physics

11.15: G. Lozano

Nobel 2016: Topología y Materia Condensada (Coloquio)

14.30: D. Trancanelli

Replica trick and string winding