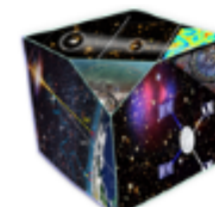


PPC 2016

Xth International Conference on the Interconnection between Particle Physics and Cosmology

July 11 - 15, 2016

Instituto de Física Teórica - UNESP, São Paulo, Brasil



The goal of PPC is to bring together experts in the fields of Particle Physics and Cosmology, and stress the connection between the two fields. Advances in high-energy physics can have an impact on our understanding of the physics of the early universe, possibly shedding light on the era of inflation, the identity of dark matter and/or dark energy, the origin of the observed baryon abundance, the importance of neutrinos in the evolution of our universe, and how the large scale structures of the universe arose. Conversely, information from such diverse fields can impact the directions in particle physics model building and can motivate specific types of searches in high-energy physics experiments. The latest results from various ongoing experiments will be discussed along with theoretical interpretations and predictions for the upcoming experiments. We will provide a lively venue for the exchange of scientific ideas among experts in these areas. There is no registration fee.

Confirmed Speakers:

Luca Amendola (ITP, Heidelberg)

Arianna Di Cintio (DARK, Copenhagen)

Nathaniel Craig (UCSB, Santa Barbara)

Silvia Galli (IAP, Paris)

Graciela Gelmini (UCLA, Los Angeles)

Pasquale D. Serpico (LAPTh, Annecy-le-Vieux)

Claudia de Rham (CWRU, Cleveland)

Tracy Slatyer (MIT, Boston)

Carlos Wagner (ANL, Chicago)

Local Organizing Committee:

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Mihoko Nojiri (KEK)

Frank Paige (BNL)

Saul Perlmutter (LBNL)

Michael Peskin (SLAC)

Adam Riess (John Hopkins)

Graham Ross (Oxford)

Paul Shapiro (UT Austin)

Melvyn Shochet (Chicago)

George F. Smoot (UC Berkeley)

David Spergel (Princeton)

Paris Sphicas (CERN & Athens U.)

Barbara Szczerbinska (DSU)

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Executive secretary

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Financial manager

Rafael Mascarenhas

Technical assistant

The registration deadline is June 3, 2016

The online registration form and more information can be found at:

www.ictp-saifr.org/ppc2016