

The String Theory Universe



Monday 22 September 2014 - Friday 26 September 2014

Scientific Programme

<u>Overview Talks:</u>

Fernando Marchesano (Madrid): "String Phenomenology Today"

(String Phenomenology)

Dario Martelli (London): "Supersymmetric gauge theories, localization and holography"

(Mathematical Aspects of Holography)

Tadashi Takayanagi (Kyoto): "Entanglement Entropy and Spacetime Geometry"

(Entanglement Entropy)

Ivonne Zavala (Groningen): "String Theory and Cosmology in the 21st Century"

(String Cosmology)

<u>Special Interest Talks:</u>

Ana Achúcarro (Leiden): "Strings and the Cosmic Microwave Background"

(Strings and the Cosmic Microwave Background)

Lutz Köpke (Mainz): "IceCube Neutrino Observatory - PeV neutrinos from the cosmos"

(IceCube Experiment at the South Pole)

<u>Plenary Speakers include:</u>

Lilia Anguelova

Riccardo Argurio

Michae Berkooz

Ralph Blumenhagen

Rutger Boels

Jan

de

Boer

Miguel Costa

Mirjam Cvetič

Aristomenis Donos

Nick Evans

Iñaki García Etxebarria

Valentina Forini

Jerome Gauntlett

Stefan Groot Nibbelink

Daniel Grumiller

Betti Hartmann

Luis Ibáñez

Renata Kallosh

Johanna Knapp

Charlotte Kristjansen

Karl Landsteiner

Yolanda Lozano

Sameer Murthy

Hans Peter Nilles

Burt Ovrut

Kyriakos Papadodimas

Domenico Seminara

Konstantinos Sfetsos

Gary Shiu

Marika Taylor

Katrin Wendland

Parallel

Session

Speakers

include:

Daniel Arean

Alice Bernamonti

Michael Blaszczyk

Joan Camps

Michele Cirafici

Andre Coimbra

Pablo Diaz Benito

Lorenzo Di Pietro

Alcides Garat

Dimitrios Giataganas

Gianluca Grignani

Alessandra Gnechi

Rajesh Gupta

Gianluca Inverso

Panagiota Kanti

Denis Klevers

Orchidea Maria Lecian

Carlo Maccaferri

Viraf Mehta

Vladimit Mitev

Achilleas Passias

Ekaterina Pozdeeva

Blaise Rollier

Jan Rosseel

Pradyumn Sahoo

Johannes Schmude

Wieland

Staessens

Per Sundin

Hai Siong Tan

Alvaro Veliz-Osorio

Benjamin Withers

Working Groups:

Gauge/Gravity Duality

String Phenomenology

Cosmology and Quantum Gravity

Public MITP Lecture:

There will be a Public MITP Lecture by Prof. **Dieter Lüst** (Munich) on "Strings im Multiversum" (in German) at the *Science Market Mainz* on Saturday, 13 September 2014 at 6pm.

This is the 2nd meeting of the COST Action "The String Theory Universe".

There is an accompanying MITP scientific programme 1-26 September 2014.