

# The String Theory Universe



**Monday, September 22, 2014 - Friday, September 26, 2014**

## Scientific Program

**<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**

**<u>Parallel Session Speakers include:</u>**

**<font class="Apple-style-span" face="Tahoma">Daniel Arean**

**Alice Bernamonti**

**Michael Blaszczyk**

**Joan Camps**

**Michele Cirafici**

**Andre Coimbra**

**Pablo Diaz Benito**

**Lorenzo Di Pietro**

**Alcides Garat</font>**

**<span style="font-family: Tahoma;">Dimitrios Giataganas</span>**

**<font class="Apple-style-span" face="Tahoma">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.