

Session Program

22-26 Sept 2014



The String Theory Universe

Plenary

Monday 22 September

10:00	Plenary: Chair: Silvia Penati Session Location:
10:30	10:00–10:30 Kalosh - Recent developments in string theory/supergravity cosmology
11:00	Plenary: Chair: Silvia Penati Session Location:
	11:00–11:30 Shiu - Large Field Inflation in String Theory
	11:30–12:00 Seminara - Supersymmetric Wilson loops and the Bremsstrahlung function in N=6 Super Chern- Simons with matter
12:30	12:00–12:30 Taylor - Generalized entanglement entropy
14:00	Plenary: Chair: Anna Ceresole Session Location:
	14:00–14:30 Lozano - New AdS/CFT duals through non-Abelian T-duality
	14:30–15:00 Wendland - Mathieu Moonshine: Facts and Fantasies
	15:00–15:30 Hartmann: Stability of black holes and solitons in Anti-de Sitter space-time
16:00	15:30–16:00 Boels - String theory in target space

Tuesday 23 September

10:00

Plenary: Chair: Johanna Erdmenger

Session | Location:

10:00–10:30 Evans - Dynamic AdS/QCD and N_c, N_f Dependence of Gauge Theory

10:30

11:00

Plenary: Chair: Johanna Erdmenger

Session | Location:

11:00–11:30 Anomalous magneto-response and the Stueckelberg axion in holography

11:30–12:00 Gauntlett - Holographic lattices, metals and insulators

12:00–12:30 Kristjansen - A Holographic Quantum Hall Ferromagnet and its Conductivity Tensor

12:30–13:00 Sfetsos - Integrable interpolations in σ -models and in supergravity

13:00

15:30

Plenary: Chair: Carlo Ewerz

Session | Location:

15:30–16:00 Camps - Generalized entropy and higher derivative gravity

16:00–16:30 Costa - Thermodynamics of the BMN matrix model at strong coupling

16:30

Wednesday 24 September

10:00

Plenary: Chair: Timo Weigand

Session | Location:

10:30

10:00–10:30 Cvetič - F-theory Compactification with Abelian Sector

11:00

Plenary: Chair: Timo Weigand

Session | Location:

11:00–11:30 Ibanez - Higgs versus inflation in string theory

11:30–12:00 Nilles - Aligned natural inflation in string theory

12:00–12:30 Ovrut - R-Parity Violating Supersymmetry, LSP Decays and the Neutrino Mass Hierarchy

13:00

12:30–13:00 Groot Nibbelink - Non-supersymmetric heterotic model building

Thursday 25 September

10:00

Plenary: Chair: Van Proeyen

Session | Location:

10:30

10:00-10:30 **Murthy - Quantum entropy of black holes**

11:00

Plenary: Chair: Van Proeyen

Session | Location:

12:00

11:00-11:30 **Grumiller - Flat space higher spin holography**

11:30-12:00 **De Boer - Differential entropy**

Friday 26 September

10:00	Plenary: Chair: Wendland Session Location:
10:30	10:00–10:30 Anguelova - Glueballs as inflatons
11:00	Plenary: Chair: Wendland Session Location:
	11:00–11:30 Blumenhagen - Large field inflation and moduli stabilization
	11:30–12:00 Papadodimas - The Black Hole interior in AdS/CFT and the information paradox
12:30	12:00–12:30 Forini - Sigma model perturbation theory and AdS/CFT spectrum
14:00	Plenary Session Location:
	14:00–14:30 Garcia Etxebarria - Torsion, Duality and the Wilderness of Orientifolds
	14:30–15:00 Knapp - D-branes in non-abelian gauged linear sigma models
	15:00–15:30 Argurio - Anatomy of new SUSY-breaking holographic RG-flows
16:00	15:30–16:00 Conference Summary & Outlook