

Current Themes in High Energy Physics and Cosmology

Report of Contributions

Contribution ID: 8

Type: **not specified**

Hybrid Inflation with Planck Scale Fields

Monday 25 August 2014 10:00 (1 hour)

Presenter: Prof. DINE, Michael (UCSC)

Contribution ID: 9

Type: **not specified**

Quantum gravity and the equivalence principle

Monday 25 August 2014 11:30 (1 hour)

Presenter: Prof. VANHOVE, Pierre (DSM/IPhT & IHES)

Contribution ID: **10**

Type: **not specified**

Low-Energy Behavior of Gluons and Gravitons from Gauge Invariance

Monday 25 August 2014 14:00 (1 hour)

Presenter: Prof. DI VECCHIA, Paolo (Nordita)

Contribution ID: 11

Type: **not specified**

The $D^6 R^4$ term from three loop maximal supergravity

Tuesday 26 August 2014 10:00 (1 hour)

Presenter: Dr BASU, Anirban (Harish-Chandra Research Institute)

Contribution ID: 12

Type: **not specified**

The Double-Copy Nature of Gravity and Matter Amplitudes

Tuesday 26 August 2014 11:30 (1 hour)

Presenter: Dr JOHANSSON, Henrik

Contribution ID: 14

Type: **not specified**

Amplitudes and the Scattering Equations

Wednesday 27 August 2014 10:00 (1 hour)

Presenter: Prof. DOLAN, Louise (North Carolina U)

Contribution ID: 15

Type: **not specified**

Exact Results in Hydrodynamics and Cardy formulae in $d=4$ and $d=6$

Wednesday 27 August 2014 11:30 (1 hour)

Presenter: Prof. KOMARGODSKI, Zohar (Weizmann Institute of Science)

Contribution ID: 16

Type: **not specified**

String scattering amplitudes, Feynman diagrams and M-Theory

Wednesday 27 August 2014 14:00 (1 hour)

Presenter: Prof. GREEN, Michael B. (Cambridge U. DAMTP)

Contribution ID: 17

Type: **not specified**

Recent Progress on Cosmological Bounces and Bouncing Cosmologies

Thursday 28 August 2014 10:00 (1 hour)

Presenter: Prof. STEINHARDT, Paul (Princeton U.)

Contribution ID: **18**

Type: **not specified**

Enhanced ultraviolet cancellations in supergravity

Thursday 28 August 2014 11:30 (1 hour)

Presenter: Prof. BERN, Zvi (UCLA)

Contribution ID: 19

Type: **not specified**

High-energy QCD and Wilson lines

Thursday 28 August 2014 14:00 (1 hour)

Presenter: Prof. BALITSKY, Ian (Old Dominion University/ JLAB)

Contribution ID: 20

Type: **not specified**

Energy-energy correlations: from QCD to N=4 SYM and back

Friday 29 August 2014 10:00 (1 hour)

Presenter: Prof. KORCHEMSKY, Gregory (DSM/IPhT)

Contribution ID: 21

Type: **not specified**

Grassmannian Geometry and the Analytic S-Matrix

Friday 29 August 2014 11:30 (1 hour)

Presenter: Dr BOURJAILY, Jacob (Niels Bohr Institute)

Contribution ID: 22

Type: **not specified**

The Scope of String Theory (Sackler lecture)

Friday 29 August 2014 14:00 (1 hour)

Raymond and Beverly Sackler Distinguished Lecture

Presenter: Prof. GREEN, Michael B. (Cambridge U. DAMTP)

Contribution ID: 23

Type: **not specified**

Welcome

Monday 25 August 2014 09:50 (10 minutes)