The Abdus Salam International Centre for Theoretical Physics

Spring School on Superstring Theory and Related Topics

Organizer(s): Directors: E. Gava, K.S. Narain, H. Ooguri, S. Randjbar-Daemi, A. Sen
Trieste - Italy, 27 March 2006 - 4 April 2006

Final programme

Monday, 27 March 2006 (Room:Main Building Main Lecture Hall)

08:15 - 09:30	--- REGISTRATION ---
09:30 - 09:45	**K.R. Sreenivasan** / *Director, ICTP* **Opening**
09:45 - 10:45	**N. Beisert** / *Princeton University* **Integrability in AdS/CFT - Lecture I**
11:15 - 12:15	**F. Denef** / *Katholieke Univ., Leuven* **The string theory landscape: theory and applications - Lecture I**
12:15 - 14:30	--- Lunch Break ---
14:30 - 15:30	**A. Strominger** / *Harvard University* **New developments in black hole attractors - Lecture I**
15:45 - 16:45	**Discussion Session**

Tuesday, 28 March 2006

10:15 - 11:15	**N. Beisert** **Integrability in AdS/CFT - Lecture II**

11:30 - 12:30	**F. Denef** **The string theory landscape: theory and applications - Lecture II**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:30	**A. Strominger** **New developments in black hole attractors - Lecture II**
15:45 - 16:45	**Discussion Session**
17:30 - 19:00	(Room: Main Building Cafeteria) --- RECEPTION ---

Wednesday, 29 March 2006 (Room:Main Building Main Lecture Hall)

09:00 - 10:00	**N. Beisert** **Integrability in AdS/CFT - Lecture III**
10:15 - 11:15	**A. Strominger** **New developments in black hole attractors - Lecture III**
11:30 - 12:30	**F. Denef** **The string theory landscape: theory and applications - Lecture III**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:30	**I. Antoniadis** / *CERN, Geneva* **Phenomenological aspects of string theory - Lecture I**
15:45 - 16:45	**Discussion Session**

Thursday, 30 March 2006

09:00 - 10:00	**I. Antoniadis** **Phenomenological aspects of string theory - Lecture II**
10:15 - 11:15	**N. Beisert** **Integrability in AdS/CFT - Lecture IV**
11:30 - 12:30	**I. Antoniadis** **Phenomenological aspects of string theory - Lecture III**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:30	**C. Beasley** / *Harvard University* **Worldsheet instanton effects in heterotic Calabi-Yau compactifications - Lecture I**
15:45 - 16:45	**Discussion Session**
16:45 - 17:45	**I. ANTONIADIS** / *CERN, Geneva* COLLOQUIUM **Hidden dimensions of the universe**

Friday, 31 March 2006

09:00 - 10:00	**B. Zwiebach** / *MIT* **Analytic solutions in open string field theory - Lecture I**
10:15 - 11:15	**I. Antoniadis** **Phenomenological aspects of string theory - Lecture IV**
11:30 - 12:30	**C. Beasley** **Worldsheet instanton effects in heterotic Calabi-Yau compactifications - Lecture II**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:30	**B. Zwiebach** **Analytic solutions in open string field theory - Lecture II**
15:45 - 16:45	**Discussion Session**

Saturday, 1 April 2006 (Saturday)

09:00 - 10:00	**B. Zwiebach** **Analytic solutions in open string field theory - Lecture III**
10:15 - 11:15	**C. Beasley** **Worldsheet instanton effects in heterotic Calabi-Yau compactifications - Lecture III**
11:30 - 12:30	**B. Zwiebach** **Analytic solutions in open string field theory - Lecture IV**

Monday, 3 April 2006

09:00 - 10:00	**C. Beasley** **Worldsheet instanton effects in heterotic Calabi-Yau compactifications - Lecture IV**
10:15 - 11:15	**D. Martelli** / *CERN* **Sasaki-Einstein geometry and the AdS/CFT correspondence - Lecture I**
11:30 - 12:30	**H. Ooguri** / *Caltech* **Topolgical string series - Techniques and applications - Lecture I**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:30	**D. Martelli** **Sasaki-Einstein geometry and the AdS/CFT correspondence - Lecture II**
15:45 - 16:45	**Discussion Session**

Tuesday, 4 April 2006

09:00 - 10:00	**D. Martelli** **Sasaki-Einstein geometry and the AdS/CFT correspondence - Lecture III**
10:15 - 11:15	**H. Ooguri** **Topological string series - Techniques and applications - Lecture II**
11:30 - 12:30	**D. Martelli** **Sasaki-Einstein geometry and the AdS/CFT correspondence - Lecture IV**