The Abdus Salam International Centre for Theoretical Physics

Summer School on Particle Physics

Organizer(s): A. Smirnov et al.
Trieste - Italy, 13 - 24 June 2005

Final programme

Monday, 13 June 2005 (Room:Main Building Main Lecture Hall)

08:15 - 10:15	(Room: Main Building, Lobby) **REGISTRATION**
10:15 - 11:00	**Opening address by K.R. SREENIVASAN, Director of the ICTP and Introduction by A. SMIRNOV, ICTP**
11:15 - 12:30	**C. Quigg** / *Fermilab, USA* **Standard Model and Higgs Physics - Lecture 1**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**A. Buras** / *Technical University, Munich* **CP Violation and Rare Decays in the Standard Model and Beyond - Lecture 1**
16:15 - 17:30	**A. Kusenko** / *UCLA, USA* **Astroparticle Physics - Lecture 1**

Tuesday, 14 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**C. Quigg** **Standard Model and Higgs Physics - Lecture 2**

11:15 - 12:30	**A. Buras** **CP Violation and Rare Decays in the Standard Model and Beyond - Lecture 2**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**S. Martin** / *Northern Illinois University, USA* **Supersymmetry: Status and New Developments - Lecture 1**
16:15 - 17:30	**A. Kusenko** **Astroparticle Physics - Lecture 2**
17:45 - 17:45	(Room: Main Building Terrace) --- Reception ---

Wednesday, 15 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**A. Buras** **CP Violation and Rare Decays in the Standard Model and Beyond - Lecture 3**
11:15 - 12:30	**C. Quigg** **Standard Model and Higgs Physics - Lecture 3**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**A. Kusenko** **Astroparticle Physics - Lecture 3**
16:15 - 17:30	**S. Martin** **Supersymmetry: Status and New Developments - Lecture 2**

Thursday, 16 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**C. Quigg** **Standard Model and Higgs Physics - Lecture 4**
11:15 - 12:30	**A. Buras** **CP Violation and Rare Decays in the Standard Model and Beyond - Lecture 4**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**Discussion I**
16:15 - 17:30	**S. Martin** **Supersymmetry: Status and New Developments - Lecture 3**

Friday, 17 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**C. Quigg** **Standard Model and Higgs Physics - Lecture 5**

11:15 - 12:30	**V. Rubakov** / *Russian Academy of Sciences, Moscow* **Physics of Extra Dimensions - Lecture 1**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**S. Martin** **Supersymmetry: Status and New Developments - Lecture 4**
16:15 - 17:30	**Discussion II**

Saturday, 18 June 2005 (Room:Main Building Main Lecture Hall) (**Saturday**)

09:30 - 10:45	**A. Buras** **CP Violation and Rare Decays in the Standard Model and Beyond - Lecture 5**
11:15 - 12:30	**V. Rubakov** **Physics of Extra Dimensions - Lecture 2**

Monday, 20 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**V. Rubakov** **Physics of Extra Dimensions - Lecture 3**
11:15 - 12:30	**R. Venugopalan** / *Brookhaven National Lab., USA* **QCD Phase Transitions and Heavy Ion Collisions - Lecture 1**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**J. Beacom** / *Ohio State University, USA* **Neutrino Physics - Lecture 1**
16:15 - 17:30	**J. Ellis** / *CERN, Switzerland* **Physics at New Colliders - Lecture 1**

Tuesday, 21 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**J. Beacom** **Neutrino Physics - Lecture 2**
11:15 - 12:30	**R. Venugopalan** **QCD Phase Transitions and Heavy Ion Collisions - Lecture 2**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**V. Rubakov** **Physics of Extra Dimensions - Lecture 4**
16:15 - 17:30	**J. Ellis** **Physics at New Colliders - Lecture 2**

Wednesday, 22 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**J. Ellis** **Physics at New Colliders - Lecture 3**
11:15 - 12:30	**F. Close** / *University of Oxford, UK* **New Developments in Hadron Spectroscopy - Lecture 1**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**R. Venugopalan** **QCD Phase Transitions and Heavy Ion Collisions - Lecture 3**
16:15 - 17:30	**Discussion III**
17:45 - 18:45	**B. Acharya** / *ICTP* **Special Lecture on "String Theory, Naturalness and the Landscape"**

Thursday, 23 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**R. Venugopalan** **QCD Phase Transitions and Heavy Ion Collisions - Lecture 4**
11:15 - 12:30	**W. Buchmuller** / *DESY, Hamburg* **Special Lecture on "Grand Unified Models from Strings on Orbifolds"**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**F. Close** **New Developments in Hadron Spectroscopy - Lecture 2**
16:15 - 17:30	**J. Beacom** **Neutrino Physics - Lecture 3**

Friday, 24 June 2005 (Room:Main Building Main Lecture Hall)

09:30 - 10:45	**J. Beacom** **Neutrino Physics - Lecture 4**
11:15 - 12:30	**F. Close** **New Developments in Hadron Spectroscopy - Lecture 3**
12:30 - 14:30	--- Lunch Break ---
14:30 - 15:45	**A. Masiero** / *University of Padova* **Special Lecture on "Dark Matter, Dark Energy and New Physics beyond the Standard Model"**
16:00 - 16:30	**Closing remarks**