



The Abdus Salam
**International Centre
for Theoretical Physics**



School on Supersymmetry and Unification of Fundamental Interactions

Organizer(s): B. Acharya (ICTP), M. Bertolini (SISSA), P. Creminelli (ICTP), E. Gava (INFN), K. Narain (ICTP), F. Quevedo (ICTP), A. Romanino (SISSA), M. Serone (SISSA) and G. Villadoro (ICTP)
Trieste - Italy, 20 - 23 August 2013

Venue: Leonardo da Vinci Building Main Lecture Hall

Programme

TUESDAY, 20 AUGUST 2013 (Room:Leonardo da Vinci Building Main Lecture Hall)

20 August 2013

- 08:00 - 09:00** --- REGISTRATION & ADMINISTRATIVE FORMALITIES (reception area of the Leonardo da Vinci building) ---
- 09:00 - 09:15** **Opening Remarks by Organizers**
- 09:15 - 10:15** **David SHIH / NHETC, Piscataway, USA**
Introduction to Supersymmetry
- 10:15 - 10:45** --- Coffee Break ---
- 10:45 - 11:45** **David SHIH / NHETC, Piscataway, USA**
Introduction to Supersymmetry
- 11:45 - 12:45** **Rohini Madhusudan GODBOLE / Indian Institute of Science, Karnataka, India**
Higgs Physics
- 12:45 - 14:30** --- Lunch Break ---
- 14:30 - 15:30** **David E. KAPLAN / John Hopkins University, Baltimore, USA**
Supersymmetric extensions of the Standard Model
- 15:30 - 16:00** --- Coffee Break ---

- 16:00 - 17:00** **Rohini Madhusudan GODBOLE** / *Indian Institute of Science, Karnataka, India*
Higgs Physics
- 17:00 - 17:30** **Discussion and Questions**

WEDNESDAY, 21 AUGUST 2013 (Room:Leonardo da Vinci Building Main Lecture Hall)

21 August 2013

- 09:15 - 10:15** **David SHIH** / *NHETC, Piscataway, USA*
Introduction to Supersymmetry
- 10:15 - 10:45** --- Coffee Break ---
- 10:45 - 11:45** **David SHIH** / *NHETC, Piscataway, USA*
Introduction to Supersymmetry
- 11:45 - 12:45** **David E. KAPLAN** / *John Hopkins University, Baltimore, USA*
Supersymmetric extensions of the Standard Model
- 12:45 - 14:30** --- Lunch Break ---
- 14:30 - 15:30** **Rohini Madhusudan GODBOLE** / *Indian Institute of Science, Karnataka, India*
Higgs Physics
- 15:30 - 16:00** --- Coffee Break ---
- 16:00 - 17:00** **Stefano PROFUMO** / *University of California, Santa Cruz, USA*
Dark Matter
- 17:00 - 17:30** **Discussion and Questions**
- 19:00 - 21:00** **WELCOME RECEPTION**

THURSDAY, 22 AUGUST 2013 (Room:Leonardo da Vinci Building Main Lecture Hall)

22 August 2013

- 09:15 - 10:15** **Stefano PROFUMO** / *University of California, Santa Cruz, USA*
Dark Matter
- 10:15 - 10:45** --- Coffee Break ---
- 10:45 - 11:45** **Stefano PROFUMO** / *University of California, Santa Cruz, USA*
Dark Matter
- 11:45 - 12:45** **David E. KAPLAN** / *John Hopkins University, Baltimore, USA*
Supersymmetric extensions of the Standard Model
- 12:45 - 14:30** --- Lunch Break ---
- 14:30 - 15:30** **Lian-Tao WANG** / *Princeton University, NJ, USA*
Collider searches and implications for SUSY

- 15:30 - 16:00 --- Coffee Break ---
- 16:00 - 17:00 **Lian-Tao WANG** / *Princeton University, NJ, USA*
Collider searches and implications for SUSY
- 17:00 - 17:30 **Discussion and Questions**

FRIDAY, 23 AUGUST 2013 (Room:Leonardo da Vinci Building Main Lecture Hall)

23 August 2013

- 09:15 - 10:15 **David E. KAPLAN** / *John Hopkins University, Baltimore, USA*
Supersymmetric extensions of the Standard Model
- 10:15 - 10:45 --- Coffee Break ---
- 10:45 - 11:45 **Lian-Tao WANG** / *Princeton University, NJ, USA*
Collider searches and implications for SUSY
- 11:45 - 12:45 **Stefano PROFUMO** / *University of California, Santa Cruz, USA*
Dark Matter
- 12:45 - 14:30 --- Lunch Break ---
- 14:30 - 15:30 **Lian-Tao WANG** / *Princeton University, NJ, USA*
Collider searches and implications for SUSY
- 15:30 - 16:00 --- Coffee Break ---
- 16:00 - 17:00 **Rohini Madhusudan GODBOLE** / *Indian Institute of Science, Karnataka, India*
Higgs Physics
- 17:00 - 17:30 **Discussion and Questions**