The Abdus Salam International Centre for Theoretical Physics

40th anniversary 1964 2004

Winter College on Interferometry and Applications in Modern Physics

Organizer(s): G. Denardo, ICS
Trieste - Italy, 02 - 13 February 2004

Venue: Main Building Main Lecture Hall

Final programme

Monday, February 2 (Room:Main Building Main Lecture Hall)

2 February 2004

08:30 - 09:30	(Room: Main Building, Lobby) --- REGISTRATION AND ADMINISTRATIVE FORMALITIES ---
09:30 - 10:00	**Directors and J. Grassberger (ICTP Computer Section)** **OPENING & The ICTP Computer System Presentation**
10:00 - 11:00	**E. Arimondo** / *University of Pisa* **Introduction to Interferometry**
11:00 - 11:30	--- Break ---
11:30 - 12:30	**E. Arimondo** **Introduction to Interferometry**
12:30 - 14:30	(Room: Main Building Cafeteria) --- Lunch ---
14:30 - 15:30	**O. Manzardo** / *University of Neuchâtel* **Microfabricated Interferometers**
15:30 - 15:45	**M. Danailov** **Overview of the ICS Training Activities**

15:45 - 16:00	**N. Cauchy** **Overview of the TWAS and OEA Programmes**
16:00 - 16:00	**Organization of LAMP Seminars**

Tuesday, February 3 (Room:Main Building Main Lecture Hall)

2 February 2004

09:00 - 10:00	**R.S. Sirohi** / *Director - IIT, New Delhi* **Interferometry: Basic Principles**
10:00 - 11:00	**O. Manzardo** **Microfabricated Interferometers**
11:00 - 11:30	--- Break ---
11:30 - 12:30	**R.S. Sirohi** **Interferometry: Basic Principles**
12:30 - 14:30	(Room: Main Building Cafeteria) --- Lunch ---
14:30 - 15:30	**E. Arimondo** **Cold Atoms for Interferometry**
15:30 - 16:30	**Discussion Groups**

Wednesday, February 4 (Room:Main Building Main Lecture Hall)

4 February 2004

09:00 - 10:00	**A. Di Virgilio** / *INFN- Sezione Pisa* **Gravitational Wave Detectors on Earth**
10:00 - 11:00	**A. Di Virgilio** **Gravitational Wave Detectors n Earth**
11:00 - 11:30	**Break**
11:30 - 12:30	**W. Osten** / *University of Stuttgart* presented by R.S. Sirohi **Digital Holography for Interferometry**
12:30 - 14:30	(Room: Main Building Cafeteria) --- Lunch ---
14:30 - 15:30	**W. Osten** presented by R.S. Sirohi **Digital Holography for Interferometry**
15:30 - 16:30	**LAMP Seminars Session**

Thursday, February 5 (Room:Main Building Main Lecture Hall)

5 February 2004

09:00 - 10:00	**A. Ruediger** / *MPI for Gravitational Physics* **Gravitational Wave Detector on Earth and in Space**
10:00 - 11:00	**A. Ruediger** **Gravitational Wave Detector on Earth and in Space**
11:00 - 11:30	--- Break ---
11:30 - 12:30	**A. Glindemann** / *European Southern Observatory - Garching* **High Resolution Interferometry for Astronomy**
12:30 - 14:30	--- Lunch ---
14:30 - 15:30	**A. Glindemann** **High Resolution Interferometry for Astronomy**
15:30 - 16:30	**Discussion Groups**

Friday, February 6 (Room:Main Building Main Lecture Hall)

6 February 2004

09:00 - 10:00	**T. Tschudi** / *Technische Hochschule Darmstadt* **Diffractive Optics for Application**
10:00 - 11:00	**T. Tschudi** **Diffractive Optics for Application**
11:00 - 11:30	--- Break ---
11:30 - 12:30	**T. Tschudi** **Diffractive Optics for Application**
12:30 - 14:30	(Room: Main Building Cafeteria) --- Lunch ---
14:30 - 14:30	TRIESTE BUS TOUR **Free Afternoon**

Week 2 - Monday, February 9 (Room:Main Building Main Lecture Hall)

9 February 2004

09:00 - 10:00	**R. Dändliker** / *University of Neuchâtel* **Multi-wavelength Interferometry**
10:00 - 11:00	**T. Lasser** / *Ecole Polytechnique Federal de Lausanne* **Optical Coherence Tomography (White-light Interferometry)**
11:00 - 12:00	**T. Lasser** **Optical Coherence Tomography (White-light Interfer**