



IPM School and Workshop on Weak Lensing & Photo-z Techniques (ISWLP08)

Institute for Studies in Theoretical Physics and Mathematics
School of Astronomy
July 2 – 8 , 2008
Tehran, IRAN

Lecturers

- **Thomas Erben,**
*Argelander Institute for
Astronomy, Uni. of Bonn
Germany*
- **Bahram Mobasher,**
*University of California,
Riverside, CA, USA*



Organizers

- **Reza Mansouri,**
IPM & SUT, Tehran
- **Seyed-Abouzar Najafi,**
IPM, Tehran
- **Sima Ghassemi,**
IPM, Tehran

A six-day school and workshop on data processing and analysis techniques used in observational cosmology, especially in gravitational lensing studies. This is the third IPM Lensing-School, and it focuses on the redshift determination methods of large samples of galaxies by using photometrical data. The workshop is intended to be an intensive program to equip graduate students with fundamental knowledge and techniques in order to cope with the data processing of gravitational lensing tasks.

Topics

- Technical Aspects of Weak Lensing Studies
- Image Simulations
- Data Reduction and Processing via THELI Pipeline
- Cluster Detection via Weak Gravitational Lensing
- Methods and Techniques of Photo-z Determination

Sponsors

INO (Iranian National Observatory)

CEP (*The Center of Excellence in Physics*)
Sharif University of Technology

Deadline for Application June 1st, 2008

More information and online registration form can be found at:

<http://www.astro.ipm.ir/ISWLP08>

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