



IPM School and Workshop on Gravitational Lensing Techniques (ISGLT08)

Institute for Studies in Theoretical Physics and Mathematics
March 5th – 11th, 2008
Tehran, IRAN

Lecturers

- **Thomas Erben,**
*Argelander Institute for
Astronomy(AIfA), Bonn,
Germany*
- **Catherine Heymans,**
*University of British
Columbia, Vancouver,
Canada*



Organizers

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

A six-day school and workshop on data processing and analysis techniques used mainly in cosmological weak-lensing (cosmic shear) observations. This is the second IPM Lensing-School, which will be continued in this year. The workshop is intended to be an intensive program to equip graduate students with fundamental knowledge in order to cope with the data processing of gravitational lensing tasks.

Topics

Weak-Lensing Part 2

- Theory of Cosmic Shear
- Cosmic Shear in Practice
- Photometric Redshifts
- Recent Observational Results
- Image Processing
- The THELI/GaBoDS Pipeline
- Shear Measurement Techniques
- STEP Project

Sponsor

INO (Iranian National Observatory)

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

Deadline for Application January 5th, 2008

More information and online registration form can be found at:
www.astro.ipm.ir/ISGLT08

The total fee including full board and lodging is US\$300.

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