



School of Physics, IPM

## IPM String School and Workshop (ISS2009)

April 9 – 18, 2009

Tehran, IRAN

### Organizers

- **Mohsen Alishahiha**,  
*IPM, Iran*
- **Hassan Firouzjahi**,  
*IPM, Iran*
- **Gauntlett, Jerome**,  
*Imperial College, UK*
- **Albion Lawrence**,  
*Brandeis U., USA*
- **Ashoke Sen**, *HRI*,  
*India*
- **Mohammad M. Sheikh Jabbari**, *IPM*,  
*Iran*
- **Spenta Wadia**, *TIFR*,  
*India*



### Sponsors

- *Iranian Vice Presidency in Science and Technology*
- **ICTP** (*International Center for Theoretical Physics*)
- **CEP** (*The Center of Excellence in Physics, Sharif University of Technology*)

### Invited Speakers Include

- **I. Bakas**, *U. of Patras, Greece*
- **M. R. Garousi**, *IPM & Mashad U., Iran*
- **G. Gibbons**, *Cambridge U., DAMTP, UK*
- **S. Hartnoll**, *Harvard U., USA*
- **K. Hashimoto**, *RIKEN, Japan*
- **F. Larsen**, *U. of Michigan, USA*
- **G. Mandal**, *Tata Institute, India*
- **S. Raychaudhuri**, *Tata Institute, India*
- **E. Verlinde**, *U. of Amsterdam, Netherlands*

### Topics

- Recent developments in using holographic techniques to study QCD and condensed matter systems.
- Black hole physics
- Particle physics model bldg within string theory, preparation for LHC
- Different aspects of AdS/CFT correspondence
- String inspired models of cosmology
- Generalised geometry of supergravity solutions and solution generating techniques.

*Deadline for Application January 20<sup>th</sup> 2009*

More information and online registration form can be found at:  
<http://physics.ipm.ac.ir/conferences/iss2009>

The total fee including full board and lodging is US\$300. A limited number of grants for local expenses and travel fare, in particular for participants from developing countries, are available.

IPM String School & Workshop  
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