



School of Physics, IPM

IPM String School and Workshop (ISS2008)

April 9 – 17, 2008

Isfahan, IRAN



Isfahan University of Technology

Organizers

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



Sponsors

- **CEP** (The Center of Excellence in Physics, Sharif University of Technology)
- **ICTP** (International Center for Theoretical Physics)
- **IUT** (Isfahan University of Technology)

Invited Speakers Include

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| • B. Acharya , ICTP, Italy | • C. M. Hull , Imperial College, UK* | • S. Minwalla , TIFR, India |
| • L. Alvarez-Gaume , CERN, Switzerland* | • E. Kiritsis , Ecole Polytechnique France, Crete U., Greece | • A. Naqvi , Swansea U., UK |
| • M. Duff , Imperial College, UK | • A. Klemm , Wisconsin U., USA* | • S. Raychaudhuri , IITK, India |
| • G. Gibbons , Cambridge U., DAMTP, UK | • P. Kraus , UCLA., USA* | • E. Silverstein , Stanford U. & SLAC, USA* |
| • R. Gopakumar , HRI, India | • H. Liu , MIT, USA | • K. Skenderis , Amsterdam U., Netherlands |

* To be confirmed

Topics

- Recent developments in performing QCD computations using holographic duals
- Particle physics model building within string theory, preparation for LHC
- String inspired models of cosmology
 - Integrable structures in N=4 SYM and relation to spin chains. Recent developments in AdS/CFT
- Attractors and recent developments in BH microstate counting
- Gauged supergravities and solution generating techniques in supergravity
- Topological string theories

Deadline for Application January 15th 2008

More information and online registration form can be found at:
<http://physics.ipm.ac.ir/conferences/iss2008>

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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