



School of Physics, IPM

IPM String School and Workshop (ISS2010)

April 9 – 15, 2010

Tehran, IRAN

Organizers

- **Mohsen Alishahiha**, IPM, Iran
- **Jerome Gauntlett**, Imperial College, UK
- **Rajesh Gopakumar**, HRI, India
- **Albion Lawrence**, Brandeis U., USA
- **Shiraz Minwalla**, Tata Institute of Fundamental Research, India
- **Amir Esmail Mosaffa**, SUT, Iran
- **Ashoke Sen**, HRI, India



Sponsors

- Iranian Vice Presidency in Science and Technology
- **ICTP** (International Center for Theoretical Physics)

This school is dedicated to *Professor Farhad Ardalan* on the occasion of his 70th birthday.

Invited Speakers Includes

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| • L. Alvarez-Gaume , CERN, Switzerland | • H. Liu , MIT, USA * |
| • N. Dorey , Cambridge U., UK | • C. Nunez , University of Swansea, UK |
| • M.R. Garousi , IPM & Ferdowsi U., Iran | • M.M. Sheikh-Jabbari , IPM, Iran |
| • G. Gibbons , Cambridge U., DAMTP, UK | • K. Skenderis , U. Amsterdam, Netherlands |
| • J. Gomis , Premier Institute for Theoretical Physics, Canada | • D. Waldram , Imperial College, UK |

* To be confirmed

Topics

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| • Black hole physics. | • String inspired models of cosmology. |
| • Particle physics model building within string theory, preparation for LHC. | • Membrane and fivebrane field theories. |
| • Different aspects of AdS/CFT correspondence, including applications to QCD and condensed matter systems. | • Geometry underlying supergravity solutions. |

Deadline for Application January 20th 2010

More information and online registration form can be found at:
<http://physics.ipm.ac.ir/conferences/iss2010>

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.

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