

IPM

school on Higher Spin Theory

15-19 February, 2016
(26-30 Bahman 1394)
School of Physics, IPM



Institute for Research in
Fundamental Sciences
School of Physics

Lecturers:

X. Bekaert, *University of Tours, France*
D. Francia, *Scuola Normale Superiore, Italy*
P. Sundell, *Departamento de Físicas, Chile*

Organisers:

Qasem Exirifard, *IPM*
Mohammad Mehdi Sheikh Jabbari, *IPM*

Topics include:

General introduction and motivations,
Group theory and HS representations,
Free Lagrangians and Bargmann-Wigner-like eqs,
No-go results and unitarity bounds,
Brink-Metsaev-Vasiliev mechanism,
Cartan integrable systems,
Cubic vertices from Noether method,
Differential forms and MMSW action,
Frame-like HS and HS algebra,
HS holography, Classical HS gravity in 4D,
Vasiliev's equations and its solutions,
Quantization and relation to string theory.

Registration Deadline: 31 January 2016

Further information and online registration are available at:
<http://physics.ipm.ac.ir/conferences/hst/>



Email: conf1@theory.ipm.ac.ir