

Advanced School in Condensed Matter Physics: Many-body Localization

27-28 Shahrivar 1395 (Sept. 17-18, 2016)
School of Physics, IPM, Tehran

A two-day advanced school on many-body localization is planned by and held at the school of physics, IPM, Tehran. This school is intended to provide the fundamental notions and recent progress in many-body localization, which covers recent developments in the statistical mechanics of isolated quantum systems. This is mostly about class of systems that fail to quantum thermalize and their corresponding eigenstates violate the eigenstate thermalization hypothesis. The school program will incorporate some technical lectures by invited speakers and is open for experimentalists, theorists and PhD students working on the above mentioned topics.

Invited speakers:

Mohsen Amini Abchuyeh, *University of Isfahan, Isfahan, Iran*

Mohammad Reza Bakhtiari, *Hamburg University, Hamburg, Germany*

Andrea De Luca, *LPTMS, Paris-Sud University, Orsay, France*

Frank Pollmann, *Max Planck Institute for the Physics of Complex Systems, Dresden, Germany*

Organizing committee:

Reza Asgari, *IPM, Tehran, Iran*

Abdollah Langari, *Sharif Uni. of Technology & IPM, Tehran, Iran*

Registration deadline: 20 Shahrivar 1395

More information please visit:

<http://physics.ipm.ac.ir/conferences/scmp/index.jsp>

Venue: Farmanieh Conference Hall, Institute for Research in Fundamental Sciences (IPM)

Email: conf2@theory.ipm.ac.ir