



Advanced many-body and statistical methods in mesoscopic systems III

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September 4 - 8, 2017,
Busteni, Romania



Topics: Equilibrium and non-equilibrium quantum statistics, including fractional statistics • Open quantum systems and decay processes • Nuclear structure and decay processes • Clustering features in atomic and nuclear systems • Quantum transport • Nanotubes and quantum dots • Spin systems and their dynamics • Fundamental symmetries in mesoscopic systems • Phases and phase-transitions in mesoscopic systems • Exactly solvable models • Selfconsistent many-body theories • Giant versus Pygmy resonances in nuclei • Matter in strong electromagnetic fields

Invited Speakers:

Saeed Abedinpour, *Institute for Advanced Studies
in Basic Sciences, Zanjan, Iran*
Nikolai Arsenyev, *JINR, Russia*,
Dimiter Balabanski, *ELI-NP, Romania*,
Arijit Bhattacharyay, *IISER - Pune, India*,
Virgil Baran, *University of Bucharest, Romania*,
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Dan Filipescu, *ELI-NP, Romania*,
Danilo Gambacurta, *ELI-NP, Romania*,
Mihai Horoi, *Central Michigan University, USA*,

Roberto Liotta, *Royal Institute of Technology, Sweden*,
Haizhou Lu, *South University of Science and Technology
of China, Shenzhen, China*,
Chong Qi, *Royal Institute of Technology, Sweden*,
Adriana Raduta, *IFIN-HH, Romania*,
Zhongzou Ren, *Nanjing University, China*,
Michelangelo Sambataro, *INFN, Italy*,
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