Probing exotic structure of short-lived nuclei by electron scattering

Trento, July 16-20, 2018

Main topics
Structure studies of exotic nuclei by electron scattering
Elastic electron scattering and charge density beyond stable nuclei
Transition density by inelastic electron scattering
Single-neutron momentum density by quasi-elastic electron scattering
Charge and matter radii
Halo and skin
Proton bubble structure
Pigmy resonances and other excitations
Related theoretical advances

Keynote speakers
Andrei Andreyev (York), Thomas Aumann (TUD), Carlos Bertulani (Texas A&M), Anna Corsi (CEA Saclay), Willem Dickhoff (Washington), Tiekuang Dong (Purple Mountain Observatory), Thomas Duguet (CEA-DPhN), Sydney Gales (IPN Orsay), Ronald Fernando Garcia Ruiz (CERN), Carlotta Giusti (Pavia), Leonid Grigorenko (JINR), Jason Holt (TRIUMF), Masaaki Kimura (Hokkaido), Amiram Leviatan (Hebrew), Hitoshi Nakada (Chiba), Takashi Nakatsukasa (Tsukuba), Thomas Neff (TUD), Francesco Raimondi (Surrey), Zhongzhou Ren (Tsinghua), Xavier Roca Maza (Milan), Jan Ryckebusch (Ghent), Petr Shatunov (BINP), Daria Sokan (Glasgow), Kyo Tsukada (Tohoku), David Verney (IPN Orsay), Masanor Wakasugi (RIKEN)

Organizers
Carlo Barbieri (University of Surrey), Takaharu Otsuka (RIKEN - University of Tokyo)
Haik Simon (GSI), Toshimi Suda (Tohoku University)

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