

Probing exotic structure of short-lived nuclei by electron scattering



Report of Contributions

Contribution ID: 4

Type: **not specified**

Current status of the SCRIT electron scattering facility

Monday 16 July 2018 09:50 (40 minutes)

Presenter: WAKASUGI, Masanori (RIKEN)

Contribution ID: 5

Type: **not specified**

Particularities of eA colliders linke ELISe

Monday 16 July 2018 10:30 (20 minutes)

Presenter: HAIK , Simon (GSI)

Contribution ID: 6

Type: **not specified**

Electron and proton scattering off stable and exotic nuclei

Monday 16 July 2018 11:20 (40 minutes)

Presenter: GIUSTI, Carlotta (Università di Pavia)

Contribution ID: 7

Type: **not specified**

Laser spectroscopy of exotic nuclei: Recent results and future perspectives

Monday 16 July 2018 14:00 (40 minutes)

Presenter: GARCIA RUIZ, Ronald (CERN)

Contribution ID: 8

Type: **not specified**

Charge radii of in the lead region studied by laser spectroscopy

Monday 16 July 2018 14:40 (40 minutes)

Presenter: ANDREYEV, Andrei (University of York)

Contribution ID: 9

Type: **not specified**

DERICA –prospective accelerator and storage ring facility for radioactive ion beam research

Monday 16 July 2018 16:00 (40 minutes)

Presenter: GRIGORENKO, Leonid (JINR)

Contribution ID: **10**

Type: **not specified**

Mass and isospin dependence of short-range correlations

Monday 16 July 2018 16:40 (40 minutes)

Presenter: RYCKEBUSCH, Jan

Contribution ID: 11

Type: **not specified**

The present status of the electron scattering experiments at the SCRIT facility

Tuesday 17 July 2018 09:30 (40 minutes)

Presenter: TSUKADA, Kyo (Tohoku University)

Contribution ID: 12

Type: **not specified**

Electron-Ion Collider: challenges and perspectives

Tuesday 17 July 2018 10:10 (40 minutes)

Presenter: SOKHAN , Daria (University of Glasgow)

Contribution ID: 13

Type: **not specified**

Pigmy resonances and neutron skins

Tuesday 17 July 2018 11:20 (40 minutes)

Presenter: BERTULANI, Carlos (Texas A&M University)

Contribution ID: 14

Type: **not specified**

Short-range correlations in nuclei probed by electrons and protons

Tuesday 17 July 2018 14:00 (40 minutes)

Presenter: CORSI, Anna (CEA)

Contribution ID: 15

Type: **not specified**

Predicting charge and matter densities of exotic nuclei

Tuesday 17 July 2018 14:40 (40 minutes)

Presenter: DICKHOFF, Willem (Washington University In St. Louis)

Contribution ID: 16

Type: **not specified**

Constraints on the Symmetry Energy from Neutron-Removal Cross Sections

Tuesday 17 July 2018 16:00 (40 minutes)

Presenter: AUMANN, Thomas (CEA)

Contribution ID: 17

Type: **not specified**

Shape Coexistence and Competing Symmetries in Nuclei

Tuesday 17 July 2018 16:40 (40 minutes)

Presenter: LEVIATAN, Amiram (The Hebrew University)

Contribution ID: **18**

Type: **not specified**

New Opportunities in Nuclear Physics with High Power Laser and Brilliant gamma beams

Wednesday 18 July 2018 09:30 (40 minutes)

Presenter: GALES, Sydney (IPN Orsay)

Contribution ID: **19**

Type: **not specified**

Ab initio computations of the nuclear spectral function

Wednesday 18 July 2018 10:10 (40 minutes)

Presenter: SOMÀ, Vittorio (CEA Saclay)

Contribution ID: **20**

Type: **not specified**

Welcome - introduction to the workshop

Monday 16 July 2018 09:30 (20 minutes)

Presenter: SUDA, Toshimi (Tohoku University)

Contribution ID: **21**

Type: **not specified**

Ab initio charge distributions of Sn and Xe isotopes

Presenter: Dr BARBIERI, Carlo (University of Surrey)

Contribution ID: 22

Type: **not specified**

Strcuture evolution in Sn isotopes and their densities

Wednesday 18 July 2018 11:20 (40 minutes)

Presenter: OTSUKA, Takaharu (RIKEN - University of Tokyo)

Contribution ID: 23

Type: **not specified**

Electron scattering as a probe of surface properties, proton shell structure and of the symmetry energy

Wednesday 18 July 2018 14:00 (40 minutes)

Presenter: ROCA, Mazza

Contribution ID: 24

Type: **not specified**

Ab initio calculation of the potential bubble nucleus ^{34}Si

Wednesday 18 July 2018 14:40 (40 minutes)

Presenter: DUGUET, Thomas (CEA-DPhN)

Contribution ID: 25

Type: **not specified**

Elastic scattering of electrons on proton-rich nuclei

Wednesday 18 July 2018 16:00 (40 minutes)

Presenter: REN , Zhongzhou (Tongji University)

Contribution ID: 26

Type: **not specified**

Solution to long-standing puzzles on nuclear charge radii via 3N interactions

Wednesday 18 July 2018 16:40 (40 minutes)

Presenter: NAKADA, Hitoshi (Chiba University)

Contribution ID: 27

Type: **not specified**

On possible nuclear-physics avenues offered by a Orsay-hosted 450-MeV PERLE version

Thursday 19 July 2018 09:30 (40 minutes)

Presenter: VERNEY, David (IPN Orsay)

Contribution ID: 28

Type: **not specified**

Learning about the structure of light nuclei from charge radii and form factors

Thursday 19 July 2018 10:10 (40 minutes)

Presenter: NEFF, Thomas (GSI Darmstadt)

Contribution ID: 29

Type: **not specified**

Probes for clustering in neutron-rich nuclei

Thursday 19 July 2018 11:20 (40 minutes)

Presenter: KIMURA, Masaaki (Hokkaido University)

Contribution ID: **30**

Type: **not specified**

Resonant electromagnetic responses with the Lorentz Integral Transform method

Thursday 19 July 2018 14:00 (40 minutes)

Presenter: LEIDEMAN, Winfried (Università di Trento)

Contribution ID: 31

Type: **not specified**

Nuclear dipole photoabsorption cross section and polarizabilty in the SCGF approach

Thursday 19 July 2018 14:40 (40 minutes)

Presenter: RAIMONDI, Francesco (University Of Surrey)

Contribution ID: 32

Type: **not specified**

Dipole responses in exotic nuclei

Thursday 19 July 2018 16:00 (40 minutes)

Presenter: NAKATSUKASA, Takashi (University of Tsukuba)

Contribution ID: 33

Type: **not specified**

Theoretical Studies of Magnetic Electron Scattering from Nuclei

Thursday 19 July 2018 16:40 (40 minutes)

Presenter: DONG, Tiekuang (Purple Mountain Observatory)

Contribution ID: 34

Type: **not specified**

Luminosity estimations for ELISE and DERICA projects

Friday 20 July 2018 10:10 (40 minutes)

Presenter: SHATUNOV , Petr (Budker Institute of Nuclear Physics (BINP))

Contribution ID: 35

Type: **not specified**

Analyzing nuclear correlations in infinite nuclear matter

Presenter: CARBONE, Arianna (ECT*)

Contribution ID: 36

Type: **not specified**

Perspectives and theoretical challenges in electron scattering experiments on medium mass hypernuclei

Friday 20 July 2018 11:20 (40 minutes)

Presenter: PEDERIVA, Francesco (Università di Trento)