

Low-Energy Electron Scattering for Nucleon and Exotic Nuclei (LEES2024)

Monday, October 28, 2024

Session (10:00 AM - 10:30 AM)

time	[id] title	presenter
10:00 AM	[31] First electrn scattering off online-produced ^{137}Cs and prospects for ^{132}Sn	WAKASUGI, Masanori

Session (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00 AM	[21] New structure observables in a future GANIL facility for electron-radioactive ion collisions	Dr LAPOUX, Valérie
11:30 AM	[35] A dual electron/positron linac and laser spectroscopy system for nuclear charge radii measurements	Prof. GUEYE, Paul

Session (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[12] Charge radii of unstable nuclei	Prof. YANG, Xiaofei
2:30 PM	[41] Present status and perspective of the ISOL system, ERIS, at the SCRIT electron scattering facility	Dr OHNISHI, Tetsuya
3:00 PM	[5] the ALTO facility	Dr IBRAHIM, Fadi

Session (4:00 PM - 6:00 PM)

time	[id] title	presenter
4:00 PM	[17] Present Status of the RAON ISOL facility and future possibilities for physics programs	Dr HASHIMOTO, Takashi
4:30 PM	[18] Development of a High-Flux MRTOF Isobar Separator for Beam Purification	IIMURA, Shun
5:00 PM	[25] Ion traps for advancing nuclear physics in Orsay	Dr NAIMI, Sarah
5:30 PM	[26] Unexplored excitation due to triaxial deformation and electron scattering	Prof. OTSUKA, Takaharu

Tuesday, October 29, 2024

Session (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[22] The proton radius puzzle status and future measurements	Prof. BERNAUER, Jan
9:30 AM	[13] Proton Charge Radius from Electric Form Factor Measurements at Low Q ²	Prof. MIHOVILOVIC, Miha
10:00 AM	[8] Proton Charge Radius Experiments at JLab	Mr XIONG, Weizhi

Session (11:00 AM - 12:30 PM)

time	[id] title	presenter
11:00 AM	[40] Low-energy electron scattering facility at RARiS	Dr HONDA, Yuki
11:30 AM	[7] Determination of the proton charge radius during the ULQ2 experiment	Mr LEGRIS, Clement
11:50 AM	[43] Deuteron charge radius by low-energy electron scattering at the ULQ2 facility	GOKE, Taiga
12:10 PM	[29] γ Z-exchange contributions in low-energy parity-violating ep scattering	GUO, Qianqian

Session (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[44] Spatial Moments of the proton charge density	Dr MARCHAND, Dominique
3:00 PM	[27] Proton Radius and Muonic Atom Spectroscopy	Dr KANDA, Sohtaro
3:30 PM	[24] Status of lattice QCD determination of nucleon form factors at the physical point and its challenge for the proton charge radius	Prof. SASAKI, Shoichi

Session (4:30 PM - 5:30 PM)

time	[id] title	presenter
4:30 PM	[45] Few-nucleon system study via low-energy electron scattering	MAEDA, Yukie
5:00 PM	[9] Quantum Monte Carlo calculations of magnetic structure in light nuclei	Dr KING, Garrett

Thursday, October 31, 2024

Session (9:00 AM - 10:00 AM)

time	[id] title	presenter
9:00 AM	[16] Impact of the isospin symmetry breaking on nuclear densities	Dr NAITO, Tomoya
9:30 AM	[10] Neutron distribution in unstable nuclei observed through low energy electron scattering	Dr SUZUKI, TOSHIO

Session (10:30 AM - 12:00 PM)

time	[id] title	presenter
10:30 AM	[36] Nuclear equation of state from terrestrial experiments and astrophysical observations	Dr MIYATSU, Tsuyoshi
11:00 AM	[47] Ab initio calculations for medium-mass nuclei and electromagnetic observable	MIYAGI, Takayuki
11:30 AM	[32] Ab initio nuclear densities from low-resolution interactions	ARTHUIS, Pierre

Session (2:30 PM - 3:30 PM)

time	[id] title	presenter
2:30 PM	[14] Status and prospects of the MUSE project at PSI	Prof. KOHL, Michael
3:00 PM	[34] The Proton Radius Measurement of AMBER at CERN	Dr FRIEDRICH, Jan

Session (4:00 PM - 5:00 PM)

time	[id] title	presenter
4:00 PM	[6] NNLO QED with McMule for lepton-nucleus scattering at ULQ2	ROCCO, Marco
4:30 PM	[23] Electromagnetic structure of light nuclei from chiral EFT	Prof. EPELBAUM, Evgeny

Friday, November 1, 2024

Session - Mikamine hall (9:30 AM - 10:30 AM)

time	[id] title	presenter
9:30 AM	[11] Charge Radii and Neutron Skin Thickness of Unstable Nuclei	Prof. CHEOUN, Myung-Ki
10:00 AM	[30] (Tentative) Charge symmetry breaking effects with omega-rho_0 mixing	Dr TANIMURA, Yusuke

Session - Mikamine hall (11:00 AM - 12:30 PM)

time	[id] title	presenter
11:00 AM	[20] Deduction of matter and charge radii of unstable nuclei via interaction and charge-changing cross sections	Dr NISHIMURA, Daiki
11:30 AM	[46] Proton and Neutron density distributions measured by intermediate energy proton elastic scattering	Dr SAKAGUCHI, Harutaka
12:00 PM	[33] The ESPRI project	Dr ZENIHIRO, Juzo

Session - Mikamine hall (1:30 PM - 2:30 PM)

time	[id] title	presenter
1:30 PM	[19] Nuclear contacts of unstable nuclei	Mr LIANG, Tongqi
2:00 PM	[3] Coexistence and Interplay between nuclear chirality and octupole correlations	Prof. LIU, Chen