LIST OF INVITED TALKS

Dieter Ackermann, *Quo vadis SHE? Where do we go? — Where can we go?*

Faïçal Azaïez, *The status and future plans of the SPES project*

Michael Bender, *Multi-reference description of nuclear states*

Karim Bennaceur, *Mean-field calculations with regularized pseudopotentials*

Angela Bracco, *Nuclear structure at finite temperature and the electric dipole oscillations: overview and open problems*

Bo Cederwall, *The complex interplay between pairing modes and spin in deformed $N \approx Z$ nuclei*

Thomas Elias Cocolios, *From uNclear to Nuclear. How nuclear science contributes to our society*

Gianluca Colò, *Nuclear DFT: applications to single-particle and collective states and some open questions*

Franco Galtarossa, *Shape coexistence probed via transfer reactions with AGATA at LNL*

Paul Garrett, *Shape transitions and coexistence in the Sr–Ru isotopes*

Laurent Gaudefroy, *Deformation, angular momentum and excitation energy of fission fragments in the neutronless fission of $^{252}Cf(sf)$*

Dorthea Gjestvang, *Does neutron emission change the fission fragment angular momentum?*

Katarzyna Hadyńska-Klęk, *Probing nuclear deformation in the vicinity of ^{40}Ca and ^{56}Ni*

Kevin Insik Hahn, *Research activities at CENS*

Marco La Cognata, *Nuclear reactions for astrophysics and the opportunity of indirect methods*

Marek Lewitowicz, *NuPECC Long Range Plan 2024*

Vladimir Manea, *News on masses of rare isotopes*

Javier Menendez, *^{28}Si: spherical, oblate, prolate and superdeformed states?*

Anna McCoy, *Collectivity from first principles*

Paweł Napiorkowski, *30 years of ion beams from the Warsaw Cyclotron — a good beginning*

Peter von Neumann-Cosel, *Evidence for a toroidal electric dipole mode in nuclei*

Takaharu Otsuka, *Prevailing triaxial shapes in atomic nuclei and a quantum theory of rotation of composite objects*

Nils Paar, *Properties of pygmy dipole strength from theoretical perspective*

Sara Palmerini, *Old questions and new challenges in nuclear astrophysics*

Costel Petrache, *Different manifestations of oblate rotation in nuclei*

Marek Płoszajczak, *Clustering in atomic nuclei*

Jørgen Randrup, *Generation of angular momentum in fission fragments*

David Regnier, *Probing the fluctuation of fission observables*

Mark Riley, *Physics opportunities at ultra-high spin*

Manuela Rodríguez-Gallardo, *Theo4Exp: a theory service for EURO-LABS community*

Krzysztof Rykaczewski, *Towards solving the nuclear reactor antineutrinos puzzle*

Hiroyuki Sagawa, *Effects of beyond mean field approximation and tensor forces on Gamow–Teller and β decay of magic nuclei*

Christelle Schmitt, *New insights into fission from recent experiments. What drives fission across the nuclear chart?*

Par Anders Söderström, *Gamma above the neutron threshold perspectives at ELI-NP*

Mark Spieker, *Accessing the single-particle structure of the PDR*

Antoni Szczurek, *Light-by-light scattering in ultraperipheral heavy-ion collisions — new possibilities*

Herlik Wibowo, *Electromagnetic moments within nuclear DFT*

Oliver Wieland, *Extra yield below the Giant Dipole Resonance under extreme conditions*

Jonathan Wilson, *High-resolution studies of the back decay of fission shape isomers*

Bogusław Włoch, *Surrogate reactions at heavy-ion storage ring*

Katarzyna Wrzosek-Lipska, *Shape coexistence in Cd isotopes studied with safe and un-safe Coulomb excitation*

Remco Zegers, *Advances in charge-exchange reactions with rare isotope beams*

Jianwei Zhao, *Fission isomer studies at FRS and IGISOL*

Andreas Zilges, *Pygmy or not Pygmy — an experimentalist's point of view*

Lars Zurek, *Towards nuclear energy density functionals from first principles*