

PROGRAMME

Monday, June 20

Morning session

- 09:30 – 10:00 Opening of the Workshop and Talk of *Prof. Yordan Stamenov*
- 10:00 – 10:20 *Coffee*
- 10:20 – 11:05 *Anthony Cowley*: The (p,2p) Knockout Reaction to Discrete Final States and Implications for Rescattering Processes
- 11:15 – 12:00 *Anton Antonov*: Nucleon Momentum Distributions in Nuclei from the Superscaling in Inclusive Electron Scattering
- 12:10 – 12:55 *Emil Běták*: Complex Particle Emission - Statistical Picture of Direct Reaction
- 16:30 – 17:00 *Coffee*

Afternoon session

- 17:00 – 17:45 *Sergio Scopetta*: ^3He Structure and Generalized Parton Distributions
- 17:55 – 18:40 *Frans Arickx*: A Three-Cluster Microscopic Model for the ^5H Nucleus
- 18:50 – 19:35 *Victor Vasilevsky*: A Microscopic Model for Cluster Polarization, Applied to the Resonances of ^7Be and the Reaction $^6\text{Li}(p,^3\text{He})^4\text{He}$

Tuesday, June 21

Morning session

- 09:30 – 10:15 *Heinz V. von Geramb*: The Surface Between QCD and Baryon Nuclear Physics
- 10:15 – 10:35 *Coffee*
- 10:35 – 11:20 *Francesco Cerutti*: Intermediate Mass Fragment Production in Light Ion Reactions
- 11:30 – 12:15 *Stelios Massen*: Information Entropy and Nucleon Correlations in Nuclei
- 12:25 – 13:10 *Dennis Bonatsos*: Analytic Description of Critical Point actinides and Rare Earths in a Transition from Octupole Deformation to Octupole Vibrations

15:30 – 16:00 *Coffee*

Afternoon session

- 16:00 – 16:20 *Dimitris Lenis*: Z(4): γ -rigid Solution of the Bohr Hamiltonian for $\gamma = 30^\circ$ Compared to the E(5) Critical Point Symmetry
- 16:20 – 16:40 *Dimitris Petrellis*: Critical Point Symmetries Derived from Davidson Potentials through a Variational Procedure
- 16:50 – 17:10 *Nikolay Minkov*: Nuclear Shape Dynamics in an Angular Momentum Dependent Potential of Quadrupole and Octupole Deformation Variables
- 17:10 – 17:30 *Ana Georgieva*: Transitional Nuclear Spectra within the Framework of IVBM with 6-Dimensional Davidson Potential
- 17:40 – 18:00 *Huben Ganev*: Electromagnetic Transitions in the Symplectic Extension of Rotational Limit of the Interacting Vector Boson Model
- 18:00 – 18:20 *Vladimir Garistov*: Analysis of New Experimental Data on ^{160}Dy Spectrum with Interacting Vector Boson Model
- 18:30 – 19:00 *Galya Deyanova*: Study of Exited States in ^{154}Gd with AFRODITE Spectrometer

Wednesday, June 22

Morning session

- 09:30 – 10:15 *Pier Giorgio Bizzeti*: Description of the Nuclear Octupole and Quadrupole Deformation
- 10:15 – 10:35 *Coffee*
- 10:35 – 11:20 *Vladimir Kukulín*: Dibaryonic Degrees of Freedom in Hadronic and Nuclear Physics
- 11:30 – 12:15 *Eduardo Lanza*: Multiphonon Excitations in Heavy Ion Collisions
- 12:25 – 13:10 *Evgeny Balbutsev*: The Nuclear Scissors Mode within Two Approaches (Wigner Function Moments Versus RPA)
- 15:30 – 16:00 *Coffee*

Afternoon session

- 16:00 – 16:40 *Lorenzo Fortunato*: Exact Solutions of the Bohr Hamiltonian and Symmetries of the Collective Model
- 16:50 – 17:10 *Alexander Andreev*: Cluster Aspects of Binary and Ternary Fission

- 17:10 – 17:30 *Andrea Mairani*: Emission of intermediate-mass fragments in the Interaction of Carbon and Oxygen with Heavy Ions
- 17:40 – 18:00 *Massimiliano Alvioli*: A Realistic Calculation of the Effects of Nucleon-Nucleon Correlations in High-Energy Scattering Processes Off Nuclei
- 18:00 – 18:20 *Dimitre Kadrev*: Charge and Matter Distributions and Form Factors of Light, Medium and Heavy Neutron-Rich Nuclei
- 18:30 – 19:00 *Liliya Atanasova*: High-Spin States in ^{185}Ir

Thursday, June 23

EXCURSION

Friday, June 24

Morning session

- 09:30 – 10:15 *Egle Tomasi-Gustafsson*: Hadron Form Factors: Status and Perspectives
- 10:15 – 10:35 *Coffee*
- 10:35 – 11:20 *Lubomir Penchev*: Two-Photon Exchange Effects in the Proton Form Factors Measurements at Jefferson Lab
- 11:30 – 12:15 *Vina Punjabi*: Jefferson Lab Experiments Shed New Light on the Proton
- 12:25 – 13:10 *Isabelle Deloncle*: New Clues for the $B(E2: 0_1^+ \rightarrow 2_1^+)$ Behavior around ^{68}Ni : Seniority and p-n Interaction
- 13:10 – 13:30 *Sevdalina Dimitrova*: Isoscalar and Isovector Pairing within the $SO(5)$ Richardson-Gaudin Exactly Solvable Model