

PROGRAMME

Monday, June 23

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 *Werner Scheid*: Nuclear Effects by Electron Capture in Highly-Charged Heavy Ions
- 11:15 – 12:00 *Andrey Shirokov*: Novel Realistic NN Interaction JISP16 and Spectroscopy of Light Nuclei
- 12:10 – 12:55 *Alexander Volya*: Quantum Many-body Dynamics and Many-body Forces
- 17:00 – 17:30 *Coffee*

Afternoon session

- 17:30 – 18:15 *Eric Voutier*: Deeply Virtual Compton Scattering Off Nuclei
- 18:25 – 19:10 *Elena Zemlyanaya*: Calculations of the ${}^6\text{He}+p$ Elastic Scattering Cross Sections within the Folding Approach and High-Energy Approximation for the Optical Potential

Tuesday, June 24

Morning session

- 09:30 – 10:15 *Nicola Lo Iudice*: A Reformulation of an Equation of Motion Approach to Multiphonon Nuclear Spectra
- 10:15 – 10:35 *Coffee*
- 10:35 – 11:20 *Chavdar Stoyanov*: Fine Structure of Proton-Neutron Mixed Symmetry States in Some $N = 80$ Isotones
- 11:30 – 12:15 *Dimitar Tarpanov*: The Effects of a Tensor Force on the Single-Particle Evolution in $Z = 14$ and $N = 28$ Chains
- 12:25 – 13:10 *Stoyan Mishev*: Low-lying States in Odd-mass Nuclei and the Extended Random Phase Approximation

15:30 – 16:00 *Coffee*

Afternoon session

16:00 – 16:45 *Marek Płoszajczak*: Many-Body Calculations for Weakly Bound and Unbound States

16:55 – 17:40 *Mitko Gaidarov*: Neutron Skins in Exotic Nuclei from Skyrme Hartree-Fock Calculations

17:50 – 18:35 *Maria Garzelli*: Simulation of Heavy-Ion Reactions at Non Relativistic Bombarding Energies

18:45 – 19:15 *Kutsal Bozkurt*: Isovector Collective Excitations in Hot Nuclear Matter

Wednesday, June 25

Morning session

09:30 – 10:15 *Eric Suraud*: The Self Interaction Correction Revisited

10:15 – 10:35 *Coffee*

10:35 – 11:20 *Mariana Kirchbach*: Baryon Spectroscopy from the Exactly Solvable Extension to the Cornell Potential

11:30 – 12:15 *Maria Barbaro*: The Role of Pair Correlations in Quasielastic Lepton-Nucleus Scattering

12:25 – 13:10 *Martin Ivanov*: Superscaling Analyses of Lepton Scattering from Nuclei beyond the Relativistic Fermi Gas Model

15:30 – 16:00 *Coffee*

Afternoon session

16:00 – 16:45 *Krzysztof Graczyk*: Resonance Contribution in Single Pion Production in Neutrino-Nucleon Scattering

16:55 – 17:40 *Oscar Moreno*: Nuclear and Nucleon Contributions to the Parity-Violating Electron Scattering

17:50 – 18:35 *Raquel Álvarez-Rodríguez*: Energy Distributions from Three-Body Decaying ^{12}C Resonances

Thursday, June 26

EXCURSION

Friday, June 27

Morning session

- 09:30 – 10:15 *Gabriela Popa*: New $SU(3)$ Approach in Calculating the 0^+ States and Transitions in Heavy Deformed Nuclei
- 10:15 – 10:35 *Coffee*
- 10:35 – 11:20 *Ana Georgieva*: Systematics of the Behavior of the Ground and Octupole Bands of the Deformed Even-Even Lantanides
- 11:30 – 12:15 *Nikolay Minkov*: Coriolis Interaction in Quadrupole-Octupole Deformed Nuclei
- 12:25 – 12:55 *Huben Ganey*: Boson and Fermion Degrees of Freedom in Orthosymplectic Extension of the IVBM: Odd-Odd Nuclear Spectra