

PROGRAMME

Monday, 27 June

Morning session

- 09:30 – 10:00 *Opening Session*
- 10:00 – 10:45 *M. Barbaro*: Meson-exchange Currents and Quasielastic Neutrino Cross Sections
- 10:45 – 11:05 *Coffee*
- 11:05 – 11:50 *W. Scheid*: The Quantum Inverse Scattering Problem for Coupled Channels at Fixed Energy
- 11:55 – 12:40 *M. Oi*: Angular Momentum Projection with Pfaffian
- 12:45 – 13:30 *R. González-Jiménez*: Parity Violation in Elastic Electron-Nucleon Scattering: Strangeness Content in the Nucleon

Afternoon session

- 16:40 – 17:00 *Coffee*
- 17:00 – 17:30 *J. J. van Zyl*: Angular Distributions of the Analysing Power in the Excitation of Low Lying States of ^{56}Co
- 17:35 – 18:05 *N. Minkov*: Energies and Transition Probabilities in Nuclear Alternating-parity Spectra
- 18:10 – 18:40 *M. Strecker*: Full Solution of Nuclear Quadrupole-octupole Model
- 18:45 – 19:15 *S. Kisiov*: Fast-timing Measurements in ^{95}Mo

Tuesday, 28 June

Morning session

- 09:30 – 10:15 *C. Giusti*: Relativistic Descriptions of Final-State Interactions in Quasielastic Electron and Neutrino-Nucleus Scattering
- 10:20 – 11:05 *A. Cowley*: Sensitivity of Analyzing Power to Details of the Reaction Mechanism of Cluster Knockout
- 11:05 – 11:25 *Coffee*
- 11:25 – 12:10 *T. Dytrych*: Ab Initio No-Core Shell Model Calculations in SU(3)-scheme Basis
- 12:15 – 13:00 *Ch. B. Mezzetti*: On the Extraction of the Probability of Two- and Three-nucleon Short Range Correlations in Nuclei and Symmetric and Asymmetric Nuclear Matter

Afternoon session

- 15:40 – 16:00 *Coffee*
- 16:00 – 16:30 *S. Dimitrova*: Shell-model Calculations for Zr Isotopes
- 16:35 – 17:05 *M. Gaidarov*: Nuclear Symmetry Energy and Surface Properties of Exotic Nuclei
- 17:10 – 17:40 *M. Ivanov*: A Systematic Study of Elastic Proton-nucleus Scattering
- 17:45 – 18:15 *D. Kadrev*: Microscopic Analysis of ^{11}Li Elastic Scattering from Protons

Wednesday, 29 June

Morning session

- 09:30 – 10:15 *J. F. Sharpey-Schafer*: Collective Excitations of Deformed Nuclei and their Coupling to Single Particle States
- 10:20 – 11:05 *D. Bonatsos*: Conformal Maps and Group Contractions in Nuclear Structure
- 11:05 – 11:25 *Coffee*
- 11:25 – 12:10 *T. M. Shneidman*: Spectroscopic Factors and Alpha-particle Decay Half-lives of Heavy Nuclei
- 12:15 – 13:00 *A. Georgieva*: Symplectic Extensions of the Proton-neutron Version of the Interacting Boson Model

Afternoon session

- 15:40 – 16:00 *Coffee*
- 16:00 – 16:30 *S. Karampagia*: Approximate SU(3) Symmetry Inside the Symmetry Triangle of the Interacting Boson Model
- 16:35 – 17:05 *P. Georgoudis*: The Deformation-Dependent Mass Davidson Model of Collective Nuclei
- 17:10 – 17:40 *G. Popa*: Systematics in the Structure of Low-lying, Non-yrast Configurations of Strongly Deformed Nuclei
- 17:45 – 18:15 *K. Drumev*: Pairing-plus-Quadrupole Model in Two Shells
- 18:20 – 18:40 *Ch. Stoyanov*: E2 transitions in Sn-isotopes in the quasi-particle-phonon model

20:00 OFFICIAL DINNER

Thursday, 30 June

EXCURSION

Friday, 1 July

Morning session

- 09:30 – 10:15 *E. Suraud*: Towards Inclusion of Dissipation in Quantum Time Dependent Mean-field Theories
- 10:20 – 11:05 *N. Marginean*: Nuclear Structure Studies Using the In-Beam Fast Timing Technique
- 11:05 – 11:25 *Coffee*
- 11:25 – 12:10 *D. Balabanski*: $E0$ decay and Lifetimes of 0_2^+ States in the Rare-earth Region: the Case of ^{156}Dy and ^{160}Er
- 12:15 – 12:45 *I. Tleulessova*: Structural Features of ^6He Nucleus in Elastic Scattering of Protons in Inverse Kinematics

Afternoon session

- 15:40 – 16:00 *Coffee*
- 16:00 – 16:30 *Ts. Apostolova*: Modeling of Electronic Dynamics in Swift Heavy Ion Irradiated Semiconductors
- 16:35 – 17:05 *Zh. Stoyanov*: Influence of Pressure at Forming the Equilibrium Composition of Neutron Stars
- 17:10 – 17:40 *G. Kyrchev*: Boundary Singularities in an Large-N Limit of Quantum Mechanical Models with Global Symmetries
- 17:40 *Closing*