

Saturday, May 2

8:55

Opening address (Martin Veselský)

9:00 – 9:40

Chairman of morning session: *Martin Veselský*

Livius Trache (IFIN-HH Bucharest)

Nuclear physics for astrophysics with old and new methods and facilities

9:40 – 10:20

Riccardo Raabe (KU Leuven)

New Insights on Nuclear Structure Around 68Ni from Reaction and Decay Measurements

10:20

coffee break

10:40 – 11:20

Lie-Wen Chen (Jiao Tong University Shanghai)

Density dependence of the symmetry energy from systematics

11:20 – 12:00

Paolo Russotto (INFN/LNS Catania)

Investigation of Symmetry energy and reaction mechanisms at Fermi and GSI energies with CHIMERA detector

12:00

lunch

15:00 – 15:40

Chairman of afternoon session: *Paul Papka*

Magda Kowalska (CERN Geneva)

News from ISOLDE and HIE-ISOLDE

15:40 – 16:20

John L. Wood (Georgia Tech, Atlanta)

Pattern recognition in nuclear structure

16:20

coffee break

16:40 – 17:20

Martin Venhart (Institute of Physics of SAsC Bratislava)

Nuclear structure of odd-mass gold isotopes

17:20 – 18:00

David Joss (University of Liverpool)

Evolution of collective structures in the heavy transitional nuclei above $N=82$

18:00 – 18:30

Anton Repko (Charles University Prague)

Skyrme RPA for spherical and axially symmetric nuclei

Sunday, May 3

- 9:00 – 9:40 Chairman of morning session: *Yu-Gang Ma*
Feng-Shou Zhang (BNU Beijing)
On the density and momentum dependent symmetry energy in a Boltzmann-Langevin approach
- 9:40 – 10:20
George Souliotis (University of Athens)
Dynamical Microscopic Calculations of Low and Intermediate Energy Fission within the CoMD (Constrained Molecular Dynamics) Model
- 10:20
coffee break
- 10:40 – 11:10
Jun Xu (SINAP Shanghai)
Spin dynamics in intermediate-energy heavy-ion collisions
- 11:10 – 11:40
Martin Veselsky (Institute of Physics of SAsC Bratislava)
Opportunities for nuclear reaction studies at future facilities
- 11:40 – 12:15
Zhongzhou Ren (Nanjing University)
Charge radii of superheavy nuclei and exotic nuclei from decay data
- 12:15
lunch
- 15:00 – 15:40 Chairman of afternoon session: *John Wood*
Katarzyna Wrozesek-Lipska (University of Warsaw)
Probing nuclear structure with various experimental techniques at Heavy Ion Laboratory in Warsaw
- 15:40 – 16:20
Magda Zielinska (CEA Saclay)
Deformation of neutron-rich nuclei around 100Zr studied using Coulomb excitation and lifetime measurements
- 16:20 – 16:40
coffee break
- 16:40 – 17:20
Liam Gaffney (UWS Paisley)
Studying shape coexistence above Z=82 with Coulomb excitation at REX-ISOLDE
- 17:20 – 18:00
Paul Papka (University of Stellenbosch)
Study of two-proton pairing via the (3He,n) reaction
- 19:00 *conference dinner*

Monday, May 4

9:00 – 9:40 Chairman of morning session: *Rolf-Dieter Herzberg*
Fritz-Peter Hessberger (GSI Darmstadt)
Experiments on Production and Nuclear Structure Investigation of Superheavy Elements at GSI

9:40 – 10:20
David Boilley (GANIL Caen)
Uncertainties, Modelling and Super-Heavies

10:20
coffee break

10:40 – 11:10
Antonio Di Nitto (GSI Darmstadt)
GEANT4 Simulations and Commissioning of ALBEGA

11:10 – 11:40
Miguel Madurga (CERN Geneva)
The new permanent decay experiment at ISOLDE: the ISOLDE Decay Station

11:40 – 12:00
Matúš Sedlák (Institute of Physics of SASc Bratislava)
Tape transport of the decay spectrometer TATRA

12:00
lunch

15:00 – 15:30 Chairman of afternoon session: *Steve Yates*
Paul Garrett (University of Guelph)
From the 8pi to GRIFFIN - Gamma-Ray Spectroscopy Following Beta-Decay at TRIUMF-ISAC

15:30 – 16:00
Erin Peters (University of Kentucky, Lexington)
The transitional structure of $^{132,134}\text{Xe}$ from inelastic neutron scattering

16:00 – 16:30
Benjamin Crider (Michigan State University)
Inelastic Neutron Scattering Studies of ^{76}Ge

16:30
coffee break

16:50 – 17:20
Tuomas Grahn (JYFL Jyvaskyla)
Opportunities at the Super-FRS Separator-Spectrometer

17:20 – 17:50
Janne Pakarinen (JYFL Jyvaskyla)
Shapes and collectivity in ^{188}Pb nucleus

17:50 – 18:20

Kristián Petrik (Institute of Physics of SAsC Bratislava)

Nuclear matter properties in a density dependent mean-field model with the 2-parametric class of density functions.

Tuesday, May 5

9:00 – 9:40 Chairman of morning session: *George Souliotis*

Katsuhisa Nishio (ASRC JAEA Tokai)

Experimental study for multi-nucleon transfer induced fission

9:40 – 10:20

Michal Warda (UMCS Lublin)

Self-consistent descriptions of fission barriers in super-heavy nuclei

10:20

coffee break

10:40 – 11:10

Yu-Gang Ma (SINAP Shanghai)

Giant dipole resonances of alpha-clustering nuclei

11:10 – 11:40

Emanuele Pagano (Università di Catania & INFN-LNS)

Status and Perspective of the FARCOS detector array

11:40 – 12:10

Zhaoqing Feng (IMP Lanzhou)

In-medium and isospin effects of strange particles in heavy-ion collisions

12:10

lunch

15:00

excursion to wine cellars in Modra

Wednesday, May 6

9:00 – 9:40 Chairman of morning session: *Martin Venhart*

Igor Izosimov (JINR Dubna)

Isobar Analogue States (IAS), Double Isobar Analog States (DIAS), Configuration States (CS), and Double Configuration States (DCS) in Halo Nuclei. Halo Isomers.

9:40 – 10:20

Kara Lynch (CERN Geneva)

High-resolution CRIS and the secrets of ^{206}Fr

10:20 – 10:40

coffee break

10:40 – 11:20

Mark Bissell (CERN Geneva)

Collinear Laser spectroscopy at the COLLAPS setup

11:20 – 11:40

Vladislav Matoušek (Institute of Physics of SAsC Bratislava)

Data acquisition, processing and visualization package for multidimensional experimental data in nuclear physics

11:50

closing remarks (Martin Veselský, Martin Venhart)

lunch