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 Wrozek-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 SAS 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 132,134Xe from inelastic neutron scattering

16:00 – 16:30

Benjamin Crider (Michigan State University)
Inelastic Neutron Scattering Studies of 76Ge

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 188Pb nucleus

17:50 – 18:20
Kristián Petrík (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 206Fr

**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