

Istr Φ S 2013

23.-27. September

Isospin, Structure, Reactions and Energy of Symmetry 2013
1st. International Conference

Monday, September 23

8:55

Opening address (Martin Veselský)

9:00 – 9:40

Chairman of morning session: *Martin Veselský*

Deqing Fang

Experimental Studies on Exotic Structure in Proton Rich Nuclei

9:40 – 10:20

Rubens Lichtenthaler

Reactions Induced by Light Exotic Nuclei at Low Energies

10:20

coffee break

10:40 – 11:20

Giacomo Randisi

Reactions in Inverse Kinematics Using Active Targets

11:20 – 12:00

James Mitchel Allmond

Coulomb Excitation and One-Neutron Transfer Studies of Stable and Radioactive Nuclei at HRIBF-ORNL

12:00

lunch

15:00 – 15:40

Chairman of afternoon session: *Steven Yates*

John Wood

Shape Coexistence: an Outlook

15:40 – 16:20

Thomas Elias Cocolios

Shape Coexistence in the Lead Region from a Ground-state Perspective

16:20

coffee break

16:40 – 17:20

Kasia Wrzosek-Lipska

Shape Coexistence in the Neutron-deficient, Even-Even $^{182-188}\text{Hg}$ Isotopes

17:20 – 18:00

Janne Pakarinen

Shapes and Collectivity in Z~82 nuclei Probed With Radioactive Beams at REX-ISOLDE

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Tuesday, September 24

9:00 – 9:40 Chairman of morning session: *John Wood*

Steven Yates

Probing Nuclear Structure with Fast Neutrons

9:40 – 10:20

Paul Garrett

The Importance of Complementarity in Nuclear Structure Studies

10:20

coffee break

10:40 – 11:20

Vincenz Bildstein

The Neutron Detector Array DESCANT

11:20 – 12:00

Emil Běták

Cluster Emission with Spin Variables within the Density Approach to the Iwamoto-Harada Coalescence/Pickup Model

12:00

lunch

15:00 – 15:40 Chairman of afternoon session: *George Souliotis*

Yu-Gang Ma

From A MeV Energies to RHIC: Flow, Nuclear Modification Factor and Viscosity

15:40 – 16:20

Jerzy Łukasik

Symmetry Term from High Energy Experiments

16:20 – 16:40

coffee break

16:40 – 17:20

Attila Krasznahorkay

Determination of the Neutron-Skin Thickness of ^{208}Pb by Measuring the Energy of the Anti-Analog Giant Dipole Resonance (AGDR) in the $^{208}\text{Pb}(p,n)^{208}\text{Bi}$ Reaction

17:20 – 18:00

Sanjeev Kumar

Status of Symmetry Energy with Different Dynamical Models in Intermediate Energy Heavy-Ion Reaction Region

19:00 *conference dinner*



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Wednesday, September 25

9:00 – 9:40 Chairman of morning session: *Emil Běták*

Evgeni Kolomeitsev

Astrophysical Constraints on The Nuclear Equation of State

9:40 – 10:20

Kristian Petrik

New Approaches to the Effective Density Dependence in the Relativistic Mean-Field Theory

10:20 *coffee break*

10:40 – 11:20

Andrii Sanzhur

Symmetry Energy: From Nuclear Matter to Finite Nuclei

11:20 – 12:00

Štefan Gmuca

Symmetry Energy, Nuclear Radii, and Neutron Stars

12:00

lunch

15:00 – 15:40 Chairman of afternoon session: *Štefan Gmuca*

Fritz Heßberger

Experiments on Production and Nuclear Structure Investigation of Superheavy Elements at GSI

15:40 – 16:20

Andrey Zubov

Radiative Fusion Reactions in Sub-Barrier Region

16:20 *coffee break*

16:40 – 17:20

Paul Greenlees

Nuclear Structure Studies of Heavy Nuclei

17:20 – 18:00

George Souliotis

Neutron-Rich Rare Isotope Production in Peripheral Heavy-Ion Collisions at Beam Energies 15-25 MeV/nucleon

18:00 – 18:20

Nikoletta Vonta

Microscopic Calculations of Low-Energy Fission within the CoMD (Constrained Molecular Dynamics) Model



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Thursday, September 26

9:00 – 9:40 Chairman of morning session: *Paul Garrett*

Tuomas Grahn

Plunger Lifetime Measurements at JYFL

9:40 – 10:20

Andrej Herzán

Spectroscopy of ^{193}Bi

10:20

coffee break

10:40 – 11:20

Martin Venhart

Nuclear Structure of Odd-Au Nuclei: In-beam Study of ^{177}Au

11:20 – 12:00

Martin Veselský

Systematic Study of Transverse Flow Using the EoS-Dependent Nucleon-Nucleon Cross Sections

12:00

lunch

15:00

excursion to wine cellars in Modra



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Friday, September 27

9:00 – 9:40 Chairman of morning session: *Štefan Gmuca*

Martin Venhart

Project of New Tandem-Driven Neutron Facility in Slovakia

9:40 – 10:20

Vladislav Matoušek

High-Resolution Deconvolution Algorithms for Analysis of Spectrometric Data

10:20 – 10:40

coffee break

10:40 – 11:20

General Discussion on Nuclear Reactions and Energy of Symmetry

Moderator of discussion: *Yu-Gang Ma*

11:20 – 12:00

General Discussion on Nuclear Structure

Moderator of discussion: *John Wood*

12:00

closing remarks (Martin Veselský)

lunch

13:00 *bus transfer to Central Bus Station in Bratislava*