

PROGRAM

International Symposium on Nuclear Symmetry Energy (NuSYM10)

RIKEN Nishina Center, July 26-28, 2010

The allocated time in parenthesis includes 5 minutes for discussion.

July 26th, Monday

— registration (8:30-9:15) —

Session I (9:30-12:05) Chair: B. Li (Texas A&M University-Commerce)

H. En'yo (RIKEN Nishina Center)

opening address (5)

A. Ono (Tohoku University)

What do we want to accomplish in the symposium? (5)

G. Verde (INFN, Sezione di Catania)

Probing the symmetry energy in heavy-ion collisions (40)

Y. Leifels (GSI, Darmstadt)

Systematic Studies of Heavy Ion Collisions in the 1 AGeV Regime - Recent Results from FOPI (25)

— tea break (10:45-11:15) —

Z. Chajecki (MSU)

Two-particle correlations in heavy ion collisions and their sensitivity to the symmetry energy (25)

S. Yennello (Texas A&M Cyclotron Institute)

Investigation of the Symmetry Energy from Measurements of Transverse Collective Flow (25)

— lunch (12:05-13:30) —

Session II (13:30-16:30) Chair: R. Lemmon (Daresbury Laboratory)

M. Sako (Kyoto Univ. , RIKEN)

Energy Dependence of π^-/π^+ Ratio in $\text{In}+^{28}\text{Si}$ Reaction (25)

M. Famiano (Western Michigan University)

Neutron-Proton Ratio Measurements as Sensitive Observables of the Asymmetry Term of the Nuclear EOS (25)

W. Trautmann (GSI Darmstadt)

Isospin dependent multifragmentation of relativistic projectiles (25)

— tea break (14:45-15:15) —

V. Baran (University of Bucharest)

Symmetry energy from nuclear reactions dynamics (25)

G. Lehaut (IPN Lyon)

A study of nuclear stopping in central collisions at intermediate energies (25)

Y. Zhang (CIAE)

Extracting symmetry energy information with transport models (25)

— *BBQ party (17:20-, in front of RIBF Building)* —

July 27th, Tuesday

Session III (9:00-12:15) Chair: *H. Sagawa (University of Aizu)*

M. Matsuo (Niigata University)

Probing low-density pairing properties via neutron-rich nuclei (40)

G. Colò (University of Milano)

Nuclear symmetry energy from microscopic calculations of the dipole response in finite nuclei (25)

J. Lee (RIKEN)

Symmetry Energy in Nuclei (25)

— *tea break (10:30-11:00)* —

M. Itoh (Tohoku University)

The asymmetry term in the nuclear-matter incompressibility deduced from the isoscalar giant monopole resonance in the Sn and Cd isotopes (25)

K. Yako (Univ. of Tokyo)

Charge exchange spin dipole sum rule and the neutron skin thickness (25)

D. Rossi (GSI Darmstadt)

Dipole Response of Exotic Nuclei and Symmetry Energy - Experiments at the LAND-R3B Setup (25)

— *lunch (12:15-)* —

Poster Session I (-14:30)

Session IV (14:30-17:55) Chair: *T. Nakatsukasa (RIKEN Nishina Center)*

F. Gulminelli (LPC Caen)

Thermodynamics of the crust-core transition in (proto)neutron stars (25)

S. Typel (TU München/GSI Darmstadt)

Clusters in Nuclear Matter (25)

T. Furuta (LPC Caen)

Molecular dynamics studies from heavy-ion collisions to neutron stars (25)

— *tea break (15:45-16:15)* —

D. Khoa (INST Hanoi)

Neutron-proton asymmetry in nuclear matter and finite nuclei (25)

T. Takatsuka (Iwate University)

Symmetry energy effects on superfluidity of neutron stars (25)

H. Schulze (INFN Catania)

Nuclear symmetry energy in the Brueckner-Hartree-Fock approach (25)

W. Tian (Shanghai Institute of Applied Physics)

Investigation of the symmetry energy in EOS by isoscaling in heavy ion reactions (25)

— *conference dinner (18:30-, Hirosawa Club)* —

July 28th, Wednesday

Session V (9:00-12:15) *Chair: T. Murakami (Kyoto University)*

A. Steiner (JINA/NSCL, MSU)

The Equation of State of Dense Matter: Connecting Nuclear Experiment and Astrophysical Observations (40)

S. Nishizaki (Iwate University)

Nuclear Symmetry Energy and its Effect on Neutron Stars (25)

K. Oyamatsu (Aichi Shukutoku U.)

Symmetry energy at subnuclear densities and macroscopic properties of neutron-rich nuclei (25)

— *tea break (10:30-11:00)* —

I. Sagert (Institute for Theoretical Physics, Goethe University)

Nuclear equations of state in explosive astrophysical systems (25)

U. Lombardo (INFN-LNS)

Nuclear EoS and transport properties in Neutron Stars (25)

H. Sakurai (RIKEN Nishina Center)

facility talk (25)

— *lunch (12:15-)* —

Poster Session II (-14:00)

Session VI (14:00-17:00) *Chair: W. Lynch (Michigan State University)*

N. Van Giai (IPN Orsay)

Nuclear symmetry energy and neutron star cooling (25)

J. Margueron (IPN Orsay)

Thermalization time and specific heat of neutron stars crust (25)

J. Stone (University of Oxford/University of Tennessee)

Skyrme energy functional and neutron star matter (25)

— *tea break (15:15-15:45)* —

H. Lee (Hanyang University)

Nuclear symmetry energy in compact star matter (25)

B. Li (Texas A&M University-Commerce)

Probing the nuclear symmetry energy at supra-saturation densities (25)

U. Garg (University of Notre Dame)
final remarks (25)

— *RIBF tour (17:00-18:30)* —

Poster Presentations

D. Coupland (MSU)

The influence of transport variables on isospin transport ratios

V. Devi (NIT Jalandhar)

The systematic dependence of $E(2_1^+)$ and energy ratio $R_{4/2}(= E(4_1^+)/E(2_1^+))$ on N , $N_p N_n$, N_B and p-factor for $A=120-200$ mass region nuclei

M. Kilburn (NSCL/MSU)

Proton-Proton Correlation Functions as a Probe to the Density Dependence of the Symmetry Energy

A. Mcintosh (Texas A&M University)

Ternary Decay of Projectile-Like Fragments

H. Mittal (National Institute of Technology, Jalandhar)

Low spin identical bands in adjacent even-even nuclei of $A=120-200$ region

K. Hasnaoui (Tohoku University)

Monopole vibrations studied with molecular dynamics

Y. Sasamoto (CNS, University of Tokyo)

The super-allowed Fermi type charge exchange reaction for studies of isovector non-spin-flip monopole resonance

S. Shougaijam (University of Delhi, Delhi, India)

Dilepton production in temperature dependent baryonic Quark-Gluon Plasma

T. Nguyen (Scientific committee of Physics Institute Hochiminh city)

Studying Neutron Angular Distribution from 0.5 GeV to 1.5 GeV Proton Induced Reaction on Heavy Targets ^{238}U , ^{206}Pb , ^{197}Au , ^{186}W

M. Youngs (MSU/NSCL)

Density Dependence of the Symmetry Energy Using Emitted Protons and Neutrons

M. Zhang (Tsinghua University)

Recent Results on π^-/π^+ Ratio for Constraining the High Density Behavior of Nuclear Symmetry Energy

Updated on Tue Jul 27 21:58:24 2010.