

Session Program

8-13 Sept 2025

XIIIth International Symposium on Nuclear Symmetry Energy (NuSym25)

NuSym Poster Session

Integrated Innovation Building (IIB), RIKEN Kobe Campus, Auditorium (8F)
Minatojima-minamimachi 6-7-1, Kobe, Japan

Tuesday 9 September

16:50

NuSym Poster Session: Poster with Supplement

Session |
Location: Integrated Innovation Building (IIB), RIKEN Kobe Campus, Auditorium (8F), Minatojima-minamimachi 6-7-1, Kobe, Japan

16:50–19:00 **Quark-meson coupling model in heavy-ion collisions**

Speaker
Mr Dae Ik Kim

16:50–19:00 **Neutron Star Cooling with Y+K phase**

Speaker
Dr Akira Dohi

16:50–19:00
Symmetry energy effect on hot nuclear matter and proto-neutron stars

Speaker
Xuhao Wu

16:50–19:00
Disentangling symmetry energy and surface properties of warm nuclear matter for binary neutron star mergers equation of state

Speaker
Guilherme Grams

16:50–19:00
Spin-orbit force effect for the oscillation frequency during heavy-ion collisions

Speaker
Rongjun Liu

16:50–19:00 **Impact of the nuclear equation of state on the formation of twin stars**

Speaker
Naibo Zhang

16:50–19:00
Coulomb effects on the symmetry energy and nuclear structure in finite nuclei

Speaker
Kenta Hagihara

16:50–19:00
Measurement of Proton Elastic Scattering from ¹³⁶Xe at 200 and 300 MeV/ nucleon

Speaker
Takayuki YANO

16:50–19:00 **The properties of hadron-quark mixed phase in neutron stars**

Speaker
Min Ju

16:50–19:00

Exploring surface properties of neutron stars using the coherent density fluctuation model**Speaker**

Mr Praveen Kumar Yadav

16:50–19:00

Dependence of pair collective mass on pairing collective variables using BCS+QRPA calculations**Speaker**

Chisato Ruike

16:50–19:00

Probing the Nuclear Symmetry Energy via the Isovector Reorientation Effect in Polarized Deuteron Scattering**Speaker**

Baiting Tian

16:50–19:00

Correlations of Q_{β} -values and properties of Skyrme functionals**Speakers**

Futoshi Minato, Kenichi Yoshida, Yifei Niu

16:50–19:00

Proton elastic scattering experiment for ^{50}Ca in inverse kinematics as a step toward symmetry energy studies**Speaker**

Tomoya Nakada

16:50–19:00

Nuclear symmetry energy and exotic structures in the deformed relativistic Hartree-Bogoliubov theory in continuum**Speaker**

Myeong-Hwan Mun

16:50–19:00

Sensitivity of Collective Flow to Effective Mass of nucleon in Intermediate-Energy $^{136}\text{Xe} + ^{112}\text{Sn}$ Reactions**Speaker**

Seon Ho Nam

16:50–19:00

Deblurring on triple-differential yield from $^{132}\text{Sn} + ^{112}\text{Sn}$ @ 270 A MeV collision from SPIRIT**Speaker**

Jeonghyeok Park

19:00