

ASY-EOS 2012. International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms



Report of Contributions

Contribution ID: 0

Type: **not specified**

Probing the symmetry energy and in-medium cross section via heavy ion collisions

Tuesday, 4 September 2012 09:45 (30 minutes)

Primary author: CHAJECKI, Z.

Presenter: CHAJECKI, Z.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 1

Type: **not specified**

Probing the symmetry energy at low density using observables from neck fragmentation mechanism

Tuesday, 4 September 2012 10:15 (20 minutes)

Primary author: DE FILIPPO, E.

Presenter: DE FILIPPO, E.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 2

Type: **not specified**

Extracting information on the symmetry energy by coupling the VAMOS spectrometer and the 4pi INDRA detector to reconstruct primary fragments

Tuesday, 4 September 2012 10:55 (20 minutes)

Primary author: MARINI, P.

Presenter: MARINI, P.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 4

Type: **not specified**

Scattering of ^8He on ^{208}Pb at energies around the Coulomb barrier

Tuesday, 4 September 2012 11:45 (20 minutes)

Primary author: SANCHEZ-BENITEZ, A.M.

Presenter: SANCHEZ-BENITEZ, A.M.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 5

Type: **not specified**

Elastic scattering and reaction mechanisms induced by light halo nuclei at the barrier

Tuesday, 4 September 2012 12:05 (20 minutes)

Primary author: SCUDERI, V.

Presenter: SCUDERI, V.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 6

Type: **not specified**

An investigation into quasifree scattering of neutron-rich carbon and nitrogen nuclei around N=14

Tuesday, 4 September 2012 12:25 (20 minutes)

Primary author: DIAZ FERNANDEZ, P.

Presenter: DIAZ FERNANDEZ, P.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 7

Type: **not specified**

Measurement of emitted tritons and ^3He from $^{112,124}\text{Sn}+^{112,124}\text{Sn}$ collisions at $E_{\text{beam}}=50$ and 120 MeV/nucleon

Tuesday, 4 September 2012 12:45 (20 minutes)

Primary author: YOUNG, M.

Presenter: YOUNG, M.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms I

Contribution ID: 9

Type: **not specified**

Tracking saddle-to-scission dynamics using N/Z in projectile breakup reactions

Tuesday, 4 September 2012 15:30 (20 minutes)

Primary author: HUDAN, S.

Presenter: HUDAN, S.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: **10**

Type: **not specified**

Energy deposition in heavy-ion reactions at intermediate energies

Tuesday, 4 September 2012 15:50 (20 minutes)

Primary author: BASRAK, Z.

Presenter: BASRAK, Z.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 11

Type: **not specified**

Precision Measurement of Isospin Diffusion in Sn+Sn Collisions

Tuesday, 4 September 2012 16:10 (20 minutes)

Primary author: WINKELBAUER, J.

Presenter: WINKELBAUER, J.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 12

Type: **not specified**

Sensitivity of collective flow to the density dependence of the symmetry energy

Tuesday, 4 September 2012 17:00 (20 minutes)

Primary author: KOHLEY, Z.

Presenter: KOHLEY, Z.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 13

Type: **not specified**

Asymmetry Dependence of the Nuclear Caloric Curve

Tuesday, 4 September 2012 17:20 (20 minutes)

Primary author: YENNELLO, S.

Presenter: YENNELLO, S.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 14

Type: **not specified**

Symmetry energy and nucleon-nucleon cross sections

Tuesday, 4 September 2012 17:40 (20 minutes)

Primary author: VESELSKY, M.

Presenter: VESELSKY, M.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 15

Type: **not specified**

Kaon properties in cold or dense nuclear matter

Wednesday, 5 September 2012 09:00 (30 minutes)

Primary author: FABBETTI, L.

Presenter: FABBETTI, L.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: 16

Type: **not specified**

Nuclear cluster formation in the participant zone of heavy-ion relativistic reactions

Wednesday, 5 September 2012 09:30 (20 minutes)

Primary author: PAWLOSKI, P.

Presenter: PAWLOSKI, P.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: 17

Type: **not specified**

Rare kaon signals from Au+Au collisions at HADES

Wednesday, 5 September 2012 09:50 (20 minutes)

Primary author: GILL, K.

Presenter: GILL, K.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: **18**

Type: **not specified**

Tensor Interaction and its effect on Spin-orbit Splitting of Shell Model States

Primary author: BHATTACHARYA, R.

Presenter: BHATTACHARYA, R.

Contribution ID: 19

Type: **not specified**

Tandem session on Status of transport models in the search for the symmetry energy (at sub- and supra-saturation densities)

Wednesday, 5 September 2012 11:00 (1 hour)

Primary authors: WOLTER, H.H.; AICHELIN, J.

Presenters: WOLTER, H.H.; AICHELIN, J.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: 20

Type: **not specified**

Constraints on the density dependence of the symmetry energy from elliptic flow data

Wednesday, 5 September 2012 12:00 (30 minutes)

Primary author: COZMA, D.

Presenter: COZMA, D.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: 21

Type: **not specified**

A new approach to detect hypernuclei and isotopes in the QMD phase space distribution at relativistic energies

Wednesday, 5 September 2012 12:30 (20 minutes)

Primary author: LE FEVRE, A.

Presenter: LE FEVRE, A.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms III

Contribution ID: 22

Type: **not specified**

Heavy ion collisions (HIC) in the 1A GeV regime: how well can we join up to astrophysics?

Wednesday, 5 September 2012 15:00 (30 minutes)

Primary author: REISDORF, W.

Presenter: REISDORF, W.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms IV

Contribution ID: 23

Type: **not specified**

Breakup Reactions of Exotic Nuclei at the large acceptance spectrometer SAMURAI at RIBF

Wednesday, 5 September 2012 15:50 (30 minutes)

Primary author: NAKAMURA, T.

Presenter: NAKAMURA, T.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms IV

Contribution ID: 24

Type: **not specified**

Nuclear symmetry energy and the r-mode instability of neutron stars

Wednesday, 5 September 2012 15:30 (20 minutes)

Primary author: VIDANA, I.

Presenter: VIDANA, I.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms IV

Contribution ID: 25

Type: **not specified**

Tandem session on SAMURAI TPC: A Time Projection Chamber to Study the Nuclear Symmetry Energy at RIKEN-RIBF with Rare Isotope Beams

Wednesday, 5 September 2012 16:50 (45 minutes)

Primary authors: MCINTOSH, A.; ISOBE, T.

Presenters: MCINTOSH, A.; ISOBE, T.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms IV

Contribution ID: 26

Type: **not specified**

Open discussion (round table)

Wednesday, 5 September 2012 17:35 (25 minutes)

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms IV

Contribution ID: 27

Type: **not specified**

Reaction programs beyond NSCL

Tuesday, 4 September 2012 15:00 (30 minutes)

Primary author: TSANG, M.B.

Presenter: TSANG, M.B.

Session Classification: Nuclear Symmetry Energy and Reaction Mechanisms II

Contribution ID: 28

Type: **not specified**

GASPHYDE particle detectors and the new superconducting linac facility LRF-Huelva

Thursday, 6 September 2012 09:00 (30 minutes)

Primary author: SANCHEZ-BENITEZ, A.M.

Presenter: SANCHEZ-BENITEZ, A.M.

Session Classification: Future Facilities and Detectors

Contribution ID: 29

Type: **not specified**

The CALIFA calorimeter in the versatile R3B setup

Thursday, 6 September 2012 09:30 (20 minutes)

Primary author: ALVAREZ POL, H.

Presenter: ALVAREZ POL, H.

Session Classification: Future Facilities and Detectors

Contribution ID: **30**

Type: **not specified**

Pulse shape analysis for KRATTA modules

Thursday, 6 September 2012 09:50 (20 minutes)

Primary author: LUKASIK, J.

Presenter: LUKASIK, J.

Session Classification: Future Facilities and Detectors

Contribution ID: **31**

Type: **not specified**

The NeuLAND detector of the R3B collaboration

Thursday, 6 September 2012 10:10 (20 minutes)

Primary author: GASPARIC, I.

Presenter: GASPARIC, I.

Session Classification: Future Facilities and Detectors

Contribution ID: 32

Type: **not specified**

New opportunity for nuclear symmetry energy using LAMPS in Korea rare isotope accelerator

Thursday, 6 September 2012 11:00 (30 minutes)

Primary author: HONG, B.

Presenter: HONG, B.

Session Classification: Future Facilities and Detectors

Contribution ID: 33

Type: **not specified**

Compressed baryonic matter: the CBM experiment at SIS100

Thursday, 6 September 2012 11:30 (30 minutes)

Primary author: HERRMANN, N.

Presenter: HERRMANN, N.

Session Classification: Future Facilities and Detectors

Contribution ID: **34**

Type: **not specified**

The SuperB Project

Thursday, 6 September 2012 12:00 (30 minutes)

Primary author: BATIGNANI, G.

Presenter: BATIGNANI, G.

Session Classification: Future Facilities and Detectors