

**ASY-EOS 2015 International
Workshop on Nuclear
Symmetry Energy and
Reaction Mechanisms**

Report of Contributions

Contribution ID: 34

Type: **not specified**

Probing the nuclear symmetry energy with heavy ion collisions

Tuesday, 3 March 2015 10:00 (40 minutes)

Presenter: LYNCH, W.G. (NSCL , Michigan State University, USA)

Session Classification: Session I

Contribution ID: 35

Type: **not specified**

Study of the asymmetric equation of state with heavy - ions collisions at the INDRA - VAMOS experiment

Thursday, 5 March 2015 12:20 (35 minutes)

Presenter: FABLE, Q. (Ganil, France)

Session Classification: Session V

Contribution ID: 36

Type: **not specified**

First measurement of the isoscalar giant resonances in a neutron rich exotic nucleus: ^{68}Ni with the active target MAYA

Tuesday, 3 March 2015 10:40 (35 minutes)

Presenter: VANDERBROUCK, M. (Ganil, Caen, France)

Session Classification: Session I

Contribution ID: 37

Type: **not specified**

Sensitivity of N/Z ratio to dynamical fission: a new probe for symmetry energy ?

Tuesday, 3 March 2015 11:40 (20 minutes)

Presenter: DE FILIPPO, E. (INFN-Sez. di Catania, Italy)

Session Classification: Session I

Contribution ID: 38

Type: **not specified**

Investigation of the freeze-out configuration in the $^{197}\text{Au}+^{197}\text{Au}$ reaction at 23 A MeV

Tuesday, 3 March 2015 12:00 (20 minutes)

Presenter: SOCHOCKA, A. (Jagiellonian Univ., Cracow, Poland)

Session Classification: Session I

Contribution ID: 39

Type: **not specified**

Dipolar degree freedom in heavy ion collision and CoMD-II Calculations

Tuesday, 3 March 2015 12:20 (40 minutes)

Presenter: PAPA, M. (INFN-Sez. di Catania, Italy)

Session Classification: Session I

Contribution ID: 40

Type: **not specified**

Pion productions in Heavy-Ion collisions

Tuesday, 3 March 2015 14:45 (40 minutes)

Presenter: DANIELEWICZ, P. ((NSCL, Michigan State Univ., East Lansing, USA))

Session Classification: Session II

Contribution ID: 41

Type: **not specified**

Influence of the Symmetry Energy on the π^-/π^+ Multiplicity Ratio in Heavy-Ion Collisions

Tuesday, 3 March 2015 15:25 (35 minutes)

Presenter: COZMA, M.D. (Magurele/Bucharest, Romania)

Session Classification: Session II

Contribution ID: 42

Type: **not specified**

Nonlocal quantum kinetic theory and dynamical constraints on phase transitions

Tuesday, 3 March 2015 16:00 (20 minutes)

Presenter: MORAWETZ, K. (FH Münster, Germany)

Session Classification: Session II

Contribution ID: 43

Type: **not specified**

Symmetry energy and reaction mechanisms at Spiral/Spes beam energy

Tuesday, 3 March 2015 17:00 (40 minutes)

Presenter: COLONNA, M. (INFN-LNS, Catania, Italy)

Session Classification: Session III

Contribution ID: 44

Type: **not specified**

Isospin influence on the decay modes of systems produced in the $78,86\text{Kr}+40,48\text{Ca}$ at 10AMeV

Tuesday, 3 March 2015 17:40 (20 minutes)

Presenter: GNOFFO, B. (INFN-Sez. di Catania, Italy)

Session Classification: Session III

Contribution ID: 45

Type: **not specified**

Constraining the nuclear matter equation of state around twice the saturation density

Wednesday, 4 March 2015 09:00 (35 minutes)

Presenter: LE FEVRE, A. (GSI Helmholtzzentrum, Darmstadt, Germany)

Session Classification: Session IV

Contribution ID: 46

Type: **not specified**

Status of the FAZIA project

Wednesday, 4 March 2015 09:35 (35 minutes)

Presenter: LOPEZ, O. (LPC Caen, France)

Session Classification: Session IV

Contribution ID: 47

Type: **not specified**

FARCOS: a new telescope array for correlations and spectroscopy

Wednesday, 4 March 2015 10:10 (20 minutes)

Presenter: TRIFIRÒ, A. (INFN and Univ. of Messina, Italy)

Session Classification: Session IV

Contribution ID: 48

Type: **not specified**

Digital Pulse Processing for Nuclear Research Applications

Wednesday, 4 March 2015 10:30 (30 minutes)

Presenter: CORBO, M. (CAEN SpA, Viareggio, Italy)

Session Classification: Session IV

Contribution ID: 49

Type: **not specified**

The equation of state and a minimum spin period of accreting pulsars

Wednesday, 4 March 2015 11:30 (40 minutes)

Presenter: BONANNO, A. (INAF Astrophysical Observatory, Catania, Italy)

Session Classification: Session IV

Contribution ID: 50

Type: **not specified**

Microscopic nuclear form factors for the pygmy dipole resonance

Wednesday, 4 March 2015 12:10 (20 minutes)

Presenter: LANZA, E. (INFN-Sez. di Catania, Italy)

Session Classification: Session IV

Contribution ID: 51

Type: **not specified**

Iso-Vector Giant Dipole Resonance modes in the Constrained Molecular Dynamics framework

Wednesday, 4 March 2015 12:30 (20 minutes)

Presenter: GIULIANI, G. (Univ. of Catania, Italy)

Session Classification: Session IV

Contribution ID: 52

Type: **not specified**

Introduction to Supernovae for Heavy Ion Physicists

Thursday, 5 March 2015 09:00 (50 minutes)

Presenter: HOROWITZ, C. (Indiana University, USA)

Session Classification: Session V

Contribution ID: 53

Type: **not specified**

Heavy Ion Collisions and the Supernova Equation of State

Thursday, 5 March 2015 09:50 (40 minutes)

Presenter: HAGEL, K. (Texas A&M University, College Station, USA)

Session Classification: Session V

Contribution ID: 54

Type: **not specified**

Clusters in transport models

Thursday, 5 March 2015 10:30 (40 minutes)

Presenter: NAPOLITANI, P. (IPN, Orsay, France)

Session Classification: Session V

Contribution ID: 55

Type: **not specified**

Parity violating asymmetry, giant resonances, and the neutron skin thickness of a heavy nucleus

Thursday, 5 March 2015 11:40 (40 minutes)

Presenter: ROCA-MAZA, J. (Università degli Studi di Milano, Italy)

Session Classification: Session V

Contribution ID: 56

Type: **not specified**

Vaporization event properties to constrain low-density warm matter

Thursday, 5 March 2015 15:30 (35 minutes)

Presenter: BONNET, E. (GANIL - CNRS/IN2P3, Caen, France)

Session Classification: Session VI

Contribution ID: 57

Type: **not specified**

Recent progress on the understanding of nuclear clustering

Thursday, 5 March 2015 16:05 (40 minutes)

Presenter: KHAN, E. (IPN, Orsay, France)

Session Classification: Session VI

Contribution ID: 58

Type: **not specified**

Comments on light cluster emission

Thursday, 5 March 2015 16:45 (20 minutes)

Presenter: WOLTER, H. (University of Munich, Garching, Germany)

Session Classification: Session VI

Contribution ID: 59

Type: **not specified**

Open discussion

Thursday, 5 March 2015 17:05 (45 minutes)

Session Classification: Session VI

Contribution ID: **60**

Type: **not specified**

Summary remarks

Thursday, 5 March 2015 17:50 (20 minutes)

Presenter: WOLTER, H. (University of Munich, Garching, Germany)

Session Classification: Session VI