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

Report of Contributions

https://agenda.infn.it/e/6973

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: 68Ni 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 197Au+197Au reaction at 23 AMeV

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 pi-/pi+ 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 78,86Kr+40,48Ca 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