

**Preliminary list of talks at ASY-EOS 2015 (as of 03022015)**  
**International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms**

**Invited talks**

E. Bonnet (GANIL - CNRS/IN2P3, Caen, France) **Vaporization event properties to constrain low-density warm matter**

M. Colonna (INFN-LNS, Catania, Italy) **Symmetry energy and reaction mechanisms at Spiral/Spes beam energy**

M.D. Cozma (Magurele/Bucharest, Romania) **Influence of the Symmetry Energy on the  $\pi^-/\pi^+$  Multiplicity Ratio in Heavy-Ion Collisions**

P. Danielewicz: **TBA**

Q. Fable (GANIL, Caen, France): **Study of the asymmetric equation of state with heavy-ions collisions**

C. Horowitz (Indiana University, USA): **Introduction to Supernovae for Heavy Ion Physicists.**

E. Khan (IPN Orsay) **Clustering in nuclei and nuclear reactions (TBC)**

A. Le Fevre (GSI Helmholtzzentrum, Darmstadt, Germany) **Constraining the nuclear matter equation of state around twice the saturation density**

O. Lopez (LPC Caen, France) **Status of the FAZIA project**

W.G. Lynch (NSCL and Department of Physics and Astronomy, East Lansing USA): **Probing the nuclear symmetry energy with heavy ion collisions**

M Papa (INFN-Sez. di Catania, Italy): **Dipolar degree freedom in heavy ion collision and CoMD-II Calculations -A study performed by means of the Multi-detector CHIMERA**

P. Napolitani (IPN Orsay): **Clusters in transport models**

J. Natowitz (Texas A&M University, College Station, USA): **Light clusters in low density nuclear matter in the lab and at the neutrino emission surface**

X. Roca-Maza (Università degli Studi di Milano, Italy), **Parity violating asymmetry, giant resonances, and the neutron skin thickness of a heavy nucleus**

I. Stefan (IPN Orsay, France): **TBA**

M. Vanderbrouck (Ganil, Caen, France): **First measurement of the isoscalar giant resonances in a neutron rich exotic nucleus:  $^{68}\text{Ni}$  with the active target MAYA**

**Selected talks** (please consider, preliminarily, about 17 minutes for talk +3 minutes for discussion)

S. Arora (Thapar University, Patiala, India) **Effect of nuclear charge radii parameterizations and Fermi momentum on the transverse momentum and multiplicity of light fragments**

E. De Filippo (INFN-Sez. di Catania, Italy): **Sensitivity of N/Z ratio to dynamical fission: a new probe for symmetry energy ?**

G. Giuliani (Department of Physics University of Catania, Catania, Italy) **Iso-Vector Giant Dipole Resonance modes in the Constrained Molecular Dynamics framework**

B. Gnoffo (INFN-Sez. di Catania, Italy) **Isospin influence on the decay modes of systems produced in the  $^{78,86}\text{Kr}+^{40,48}\text{Ca}$  at 10 A MeV**

E. Lanza (INFN-Sez. di Catania, Italy) **Microscopic nuclear form factors for the pygmy dipole resonance**

K. Morawetz (FH Münster, Germany): **Nonlocal quantum kinetic theory and dynamical constraints on phase transitions**

S.K. Singh (Institute of Physics, Bhubaneswar, India) **The effect of isovector-scalar  $\delta$ -meson in infinite nuclear matter**

A. Sochocka (Jagiellonian University, Cracow, Poland): **Investigation of the freeze-out configuration in the  $^{197}\text{Au}+^{197}\text{Au}$  reaction at 23 A MeV**

A. Trifirò (INFN and Univ. of Messina, Italy) **FARCOS: a new telescope array for correlations and spectroscopy**

H. Wolter (University of Munich, Garching, Germany) **Symmetry energy dependence of light fragment production in heavy ion collisions**