

ASY-EOS 2012

International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms

Siracusa, September 4–6 2012

Preliminary list of talks as of 03/08/2012

- H. Alvarez Pol (Univ. Santiago de Compostela, Spain) : **The CALIFA calorimeter in the versatile R3B setup**
- Z. Basrak (R. Boskovic Institute, Croatia) : **Energy deposition in heavy-ion reactions at intermediate energies**
- G. Batignani (INFN Sezione di Pisa, Italy) : **The SuperB Project**
- Z. Chajecki (NSCL/MSU, East Lansing USA): **T.B.A.**
- D. Cozma (IFIN-HH, Buchares, Romania) : **Constraints on the density dependence of the symmetry energy from elliptic flow data**
- E. De Filippo (INFN-Sez. Di Catania): **Probing the symmetry energy at low density using observables from neck fragmentation mechanism**
- P. Diaz Fernandez (Univ. Santiago de Compostela, Spain) : **An investigation into quasifree scattering of neutron-rich carbon and nitrogen nuclei around N=14**
- K. Gill (Goethe-Universitate, Frankfurt, Germany) : **Rare kaon signals from Au+Au collisions at HADES**
- N. Herrmann (University of Heidelberg, Germany) : **Compressed baryonic matter: the CBM experiment at SIS100**
- B. Hong (Korea University, Seoul, Republic of Korea) : **New opportunity for nuclear symmetry energy using LAMPS in Korea rare isotope accelerator**
- S. Hudan (Indiana University, USA) : **Tracking saddle-to-scission dynamics using N/Z in projectile breakup reactions**
- T. Isobe (Riken, Saitama, Japan)/ A. McIntosh(Texas A&M University, College Station, USA) : **SAMURAI TPC: A Time Projection Chamber to Study the Nuclear Symmetry Energy at RIKEN-RIBF with Rare Isotope Beams**

- Z. Kohley (National Superconducting Cyclotron Laboratory, East Lansing, USA) : **Sensitivity of collective flow to the density dependence of the symmetry energy**
- A. Krasznahorkay (Inst. of Nucl. Res. –ATOMKI, Debrecen Hungary) : **Experimental investigation of the symmetry energy by studying giant resonances**
- A. Le Fevre (GSI Helmholtzzentrum Darmstadt) : **A new approach to detect hypernuclei and isotopes in the QMD phase space distribution at relativistic energies**
- J. Lukasik (IFJ–PAN, Krakow, Poland) : **Pulse shape analysis for KRATTA modules**
- W.G. Lynch (NSCL and the Department of Physics and Astronomy, Okemos, USA): **T.B.A**
- P. Marini (GANIL, Caen, France) : **Extracting information on the symmetry energy by coupling the VAMOS spectrometer and the 4pi INDRA detector to reconstruct primary fragments**
- I. Martel (University of Huelva, Huelva, Spain) : **GASPHYDE particle detectors and the new superconducting linac facility LRF–Huelva**
- T. Nakamura (Tokyo Institute of Technology, Tokyo, Japan) : **Breakup Reactions of Exotic Nuclei at the large acceptance spectrometer SAMURAI at RIBF**
- P. Pawloski (IFJ–PAN, Krakow, Poland) : **Nuclear cluster formation in the participant zone of heavy–ion relativistic reactions”**
- W. Reisdorf (GSI, Darmstadt, Germany) : **Heavy ion collisions (HIC) in the 1A GeV regime: how well can we join up to astrophysics?**
- A.M.Sánchez–Benítez (Department of Applied Physics, University of Huelva, Spain) : **Scattering of ^8He on ^{208}Pb at energies around the Coulomb barrier**
- V. Scuderi (INFN–LNS, Catania, Italy) : **Elastic scattering and reaction mechanisms induced by light halo nuclei at the barrier**
- M. Veselsky (Institute of Physics, Slovak Academy of Sciences, Bratislava, Slovakia) : **Symmetry energy and nucleon–nucleon cross sections**
- I. Vidana (University of Coimbra, Coimbra, Portugal) : **Nuclear symmetry energy and the r–mode instability of neutron stars**
- P.C. Wigg (Department of Physics, University of Liverpool, UK) : **Nuclear Symmetry Energy in Ca+Ca Collisions**

- J. Winkelbauer (Michigan State University, National Superconducting Cyclotron Laboratory, Lansing, USA) : **Precision Measurement of Isospin Diffusion in Sn+Sn Collisions**
- H.H. Wolter (University of Munich, Garching, Germany) : **Status of transport models in the search for the symmetry energy (at sub- and supra-saturation densities)**
- S. Yennello (Texas A&M University College Station, TX, USA) : **Asymmetry Dependence of the Nuclear Caloric Curve**
- M. Young (NSCL/MSU, East Lansing, USA) : **Measurement of emitted tritons and ^3He from $^{112,124}\text{Sn}+^{112,124}\text{Sn}$ collisions at Ebeam=50 and 120 MeV/nucleon**