

## ASY-EOS 2012

### International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms

Siracusa, September 4-6 2012

#### Preliminary list of talks as of 10/08/2012

- 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
- R. Bhattacharya (University of Calcutta, Kolkata, India) : Tensor Interaction and its effect on Spin-orbit Splitting of Shell Model States
- 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
- L. Fabbietti (Excellence Cluster Universe, TUM Munich) : Kaon properties in cold or dense nuclear matter
- K. Gill (Goethe-Universitat, 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**
- 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  $^8\text{He}$  on  $^{208}\text{Pb}$  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.B. Tsang (Michigan State University, East Lansing, USA) : **T. B. A**

- 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) / G. Aichelin (Subatech, Nantes, France) : **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  $^3\text{He}$  from  $^{112, 124}\text{Sn}+^{112, 124}\text{Sn}$  collisions at Ebeam=50 and 120 MeV/nucleon**