

SCIENTIFIC PROGRAM OF ASY-EOS-2010

International Workshop on Nuclear Symmetry Energy at Medium Energies

Friday, May 21, 2010
Grand Hotel Sofia, Noto

15.45-16.45: Check-in and Registration
16.45-17.00: Welcome by A. Pagano and G. Verde

Chairperson: W. Trautmann

17.00-17.40: [WOLTER, Hermann](#): Why are we all here? - The nuclear symmetry energy at high density
17.40-18.05: [ZORIC, Maja](#): Isospin sensitivity of elliptic flow for $^{197}\text{Au}+^{197}\text{Au}$ collisions at 400, 600 and 800 MeV/u
18.05-18.30: [PRASSA, Vaia](#): The nuclear symmetry energy at high densities in heavy ion collisions at intermediate energies
18.30-19.00: Open discussion.
20.00: Dinner at the Hotel

Saturday, May 22, 2010
Grand Hotel Sofia, Noto

Chairperson: A. Bracco

08.40-9.20: [YENNELLO, Sherry](#): Isotopic effects in nuclear reactions and the symmetry energy at sub-saturation densities
09.20-9.40: [NAPOLITANI, Paolo](#): Probing the nuclear EOS in heavy-ion collisions at Fermi energy in isospin-sensitive exclusive experiments
09.40-10.00: [MARINI, Paola](#): Isoscaling, SMM and the symmetry energy: connecting the dots
10.00-10.20: [SCHROEDER, W. Udo](#): Isotopic Dependence of Cluster Emission in an Interacting Fermi Gas Model
10.20-10.50: Coffee break

Chairperson: Y. Leifels

10.50-11.30: [REISDORF, Willibrord](#): Isospin signals at SIS energies
11.30-11.50: [LI, Qingfeng](#): Probing the momentum-dependent medium modifications of the nucleon-nucleon elastic cross section
11.50-12.10: [FAMIANO, Michael](#): Experimental Investigations of the Asymmetry Term of the Nuclear Equation-of-State at Densities Exceeding Saturation Density
12.10-12.30: [DE FILIPPO, Enrico](#): How to constrain the symmetry energy at supra baryonic density?
12.30-13.00: Open discussion
13.00: lunch at the hotel

Chairperson: F. Rizzo

14.45-15.05: [ALVAREZ POL, Hector](#): CALIFA: a new generation calorimeter for reaction studies at relativistic energies.
15.05-15.25: [SIMON, Haik](#): The LAND detector

All talks, whatever length, includes 5 minutes discussion

15.25-15.45: [PAWLOWSKI, Piotr](#): Efficiency of neutron detection in the LAND detector

15.45-16.15: Coffee break

16.15-18.45: [ASY-EOS Collaboration Meeting](#) (conveners: G. Cardella, R. Lemmon, P. Russotto)

20.00: Social Dinner

Sunday, May 23, 2010
Grand Hotel Sofia Noto

Chairperson: G. Verde

08.40-9.20: [BURGIO, Fiorella](#): EoS and Symmetry Energy with modern nucleon-nucleon potentials

09.20-9.40: [DUCOIN, Camille](#): Core-crust transition in neutron stars

09.40-10.00: [VIDANA, Isaac](#): Symmetry energy, neutron star crust and neutron skin

10.00-10.20: Open discussion

11.00-13.00: Visit of Noto

13.30: Lunch at the hotel

Chairperson: M. Colonna

15.00-15.40: [COLÒ, Gianluca](#): Symmetry energy deduced from the dipole modes in nuclei

15.40-16.00: [PAPA, Massimo](#): Dipolar degree of freedom and dynamical correlations in Isospin equilibration processes

16.00-16.20: [ZHANG, Yingxun](#): The influence of symmetry potential, in-medium NN cross section on the isospin sensitive observables for intermediate energy HICs

16.20-16.40: [ZIELINSKA-PFABE, Malgorzata](#): Nucleons and Light Clusters Emitted during Intermediate Energy Xe + Sn Collisions

16.40-17.00: [DI TORO, Massimo](#): Symmetry potentials at high baryon density

17.00-17.20: Open discussion.

17.20-17.40: Coffee Break

Sala Gagliardi, Palazzo Trigona, Corso Vittorio Emanuele III, Noto,
h. 19.00, Public Session “Fisica per tutti”

Welcome address by the administration of the City of Noto;

Welcome address by Francesco Porto, Head of Dipartimento di Fisica, Università di Catania

Chairperson: Prof. F. Porto

- **Marcello Lattuada**, Head of Laboratori Nazionali del Sud - INFN Catania

- **Angelo Pagano**, Head of INFN - Sezione di Catania

- **Prof.ssa Angela Bracco**, Head of Commissione Scientifica Nazionale III-INFN, Univ. di Milano,

"Il nucleo: il cuore della materia nucleare e il combustibile delle stelle"

At the end of the session a cocktail will be served.

A public open discussion will follow.