

**SPES One Day Workshop**  
**Isospin on reaction mechanism with RIBs'**  
**Catania 8, 9 October 2013 – Main Room (Guest House) INFN-LNS**

**Scientific Program (Preliminary)**

**8 October 2013**

**14.30**

- Welcome - G. Cuttone INFN-LNS, A. Pagano INFN-Sezione di Catania
- Introduction - S. Pirrone INFN-Sezione di Catania

**15.00**

- "Status SPES" - G. Prete INFN-LNL (30+5)
- "Source, Target and First Beam" - A. Andrighetto INFN-LNL (20+5)

**16.00-16.30 Coffee Break**

**16.30**

- Isospin effects on reaction mechanism with RIBs: theoretical aspects - M.Colonna INFN-LNS (25+5)
- Isospin effects on reaction mechanism with RIBs: experimental aspects - S.Piantelli INFN-Fi (25+5)
- Low energy heavy ion reactions as a tool to probe ISOSPIN nuclear structure properties  
S.Leoni Univ & INFN - Milano (25+5)

Status Loi (I):

- Search for isospin effects on nuclear level density - G. La Rana Univ. e INFN-Napoli (20+5)
- Pre-equilibrium emission: a tool to study dynamic effects and clustering structure in exotic nuclei  
T. Marchi INFN LNL (20+5)

**18.50 end of session**

**19.00 Bus from LNS to Hotel**

**20.30 Social Dinner in the City Centre**

## 9 October 2013

**8:30 Bus from Hotel to LNS**

**9.00**

Status Loi (II):

- Isospin dependence of compound nuclear formation and decay - G.Ademard IPN-Orsay (20+5)
- Isospin effects on Fission process - E. Vardaci Napoli (20+5)
- Status FAZIA - N. Le Neindre LPCCAEN (20+5)
- Status NEDA - J.J. Valiente INFN-LNL (20+5)

**10.40- 11.00 coffe break**

**11.00**

- Silicon scintillator for neutron detection - F.Gramegna INFN-LNL 20+5
- RIB by Fragmentation @ LNS - G. Cardella INFN-Sezione di Catania (20+5)
- MAGNEX: studying exotic nuclei and isospin with RIBs and stable beams -  
C. Agodi INFN-LNS (20 + 5)
- Isospin effects on the dynamical fission - P.Russotto INFN-Sezione di Catania (20+5)

**12.40**

- Closing remarks/comments- A. Covello Univ. &INFN-Napoli / G. De Angelis INFN-LNL

**13.00 end of workshop**

**Lunch**

**14.30 buses from LNS to Hotel / Fontanarossa Airport**

**15.00 / 19.00**

**Spes Study Group Closed Session, Chair G. De Angelis**