

# Strangeness in Nuclei and in Neutron Stars

Pisa, May 20 – 21 2015

## Program of the workshop

### Wednesday, May 20

- 11:45 – 12:00      Opening
- 12:00 – 12:30      R. Lea (Trieste), *Light (anti)(hyper)nuclei production in Pb-Pb collisions measured with ALICE at the LHC*
- 12:30 – 13:00      M. Cargnelli (Vienna), *X-rays of light kaonic atoms: SIDDHARTA and future*
- *lunch*
- 15:00 – 15:30      K. Piscicchia (Frascati),  *$Y^*$  resonances investigation in low-energy kaon-nuclei hadronic interactions*
- 15:30 – 16:30      A. Gal (Jerusalem), *Progress in Strangeness Nuclear Physics*
- 16:30 – 17:00      *coffee break*
- 17:00 – 17:30      F. Pederiva (Trento), *Equation of state of lambda-neutron matter from Quantum Monte Carlo calculations*
- 17:30 – 18:00      D. Logoteta (Pisa), *The hyperonic three-body forces in hadronic matter*

### Thursday, May 21

- 09:30 – 10:00      G. Pagliara (Ferrara), *Combustion of hadronic stars into quark stars: the turbulent and the diffusive regimes*
- 10:00 – 10:30      J. Zmeskal (Vienna), *Strangeness production using stopped antiprotons*
- 10:30 – 11:00      M. Merafina (Roma), *Gravity and thermodynamics in globular clusters: new theoretical and numerical developments*
- 11:00 – 11:30      *coffee break*
- 11:30 – 12:00      R. Del Grande (Frascati), *Observational properties of Type Ia Supernovae according to the Double Degenerate model*
- 12:00 – 12:30      A. Scordo (Frascati), *K- four nucleon absorption process studies through the  $\Lambda t$  channel*
- 12:30 – 13:00      D. Gazda (Trento), *Ab Initio Calculations of Light Hypernuclei*
- *lunch*
- 14:30 – 16:00      Round table discussion *(to be confirmed)*

