

Walk on the neutron-rich side

ECT* Trento, Italy – April 10-13, 2017

Program (version of March 24)

Time	April 10 th	April 11 th	April 12 th	April 13 th
9:30	<i>registration</i>			
10:00	Garcia Ruiz	Marqués	Uesaka	Gibelin
10:40	<i>break</i>	<i>break</i>	<i>break</i>	<i>break</i>
11:10	Hagen	Green	Carbonell	Duguet
11:50	Kanungo	Hiyama	Lynn	Suda
12:30	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i>
14:20	Ji	Barbieri	Pederiva	Logoteta
15:00	Navrátil	Gebrerufael	Drissi	Riz
15:40	<i>break</i>	<i>break</i>	<i>break</i>	
16:10	Vigezzi	Holt	Carbone	
16.50	Lazauskas	Lonardoni	Tews	
17.30	La Cognata			

Talks

- Carlo Barbieri** (Surrey), *First-principle results for nuclear radii and spectral distribution of neutron rich isotopes*
- Arianna Carbone** (Darmstadt), *Nuclear matter from a Green's functions perspective*
- Jaume Carbonell** (Orsay), *On the possible existence of few neutron states*
- Mehdi Drissi** (Saclay), *Neutron matter with pionless EFT*
- Thomas Duguet** (Saclay), *Ab initio calculation of the potential bubble nucleus ^{34}Si*
- Ronald Garcia Ruiz** (Manchester), *Laser spectroscopy studies of neutron-rich nuclei*
- Eskendr Gebrerufael** (Darmstadt), *Novel Ab Initio Method: In-Medium No-Core Shell Model*
- Julien Gibelin** (Caen), *Probing the Structure of the Most Neutron-rich Isotopes of Boron and Carbon*
- Chris Greene** (Purdue), *Adiabatic hyperspherical picture of $3n$ and $4n$ states*
- Gaute Hagen** (Oak Ridge), *Coupled-cluster computations of neutron-rich nuclei*
- Emiko Hiyama** (RIKEN), *Five-body structure of ^5H*
- Jason D. Holt** (TRIUMF), *Ab initio treatment of open shell nuclei with valence-space IMSRG*
- Chen Ji** (ECT*), *Effective field theory description of nuclear halo and clustering effects*
- Rituparna Kanungo** (Saint Mary's Uni.), *Investigations of structure of nuclei approaching drip-lines through reaction spectroscopy*
- Marco La Cognata** (Catania), *Exploring the neutron rich side with the Trojan Horse Method*
- Rimantas Lazauskas** (Strasbourg), *Description of the neutron scattering on light nuclei including breakup*
- Domenico Logoteta** (Pisa), *Nuclear matter calculations with chiral interactions*
- Diego Lonardoni** (MSU), *Towards the exact calculation of medium-heavy nuclei*
- Joel Lynn** (Darmstadt), *Few neutron resonances from chiral effective field theory*
- Miguel Marqués** (Caen), *Neutral nuclei: probes and perspectives*
- Petr Navrátil** (TRIUMF), *Ab initio investigations of neutron-rich halo nuclei*
- Francesco Pederiva** (Trento), *Bridging LQCD and Nuclear Physics with a Pionless Effective Field Theory*
- Luca Riz** (Trento), *Linear density response theory of neutron matter from the QMC equation of state*
- Toshimi Suda** (Tohoku Uni.), *Electron scattering for neutron-rich exotic nuclei*
- Ingo Tews** (Seattle), *The neutron-matter EOS from Quantum Monte Carlo calculations with chiral EFT interactions*
- Tomohiro Uesaka** (RIKEN), *TBA*
- Enrico Vigezzi** (Milano), *Single-particle and collective aspects in the structure and reactions of halo nuclei*