

Sunday, Feb. 5th

20:00 Welcome Dinner, Pizzeria Green Tower

Monday, Feb. 6th

9:00-9:50 Registration

9:50-10:10 Welcome address

10:10-10:50 Olivier Sorlin - "Shell evolution and drip line phenomena"

10:50-11:20 Coffee Break

11:20-12:00 Tomás Rodríguez - "Calculation of nuclear spectra with symmetry conserving configuration mixing methods including cranking states"

12:00-12:40 Vittorio Somà - "Nuclear radii and densities from an ab initio perspective"

12:40-13:00 Jérémy Bonnard - "Nuclear Radii, neutron skins, and halo orbits"

Lunch Break

15:00-15:40 Alessandro Pastore - "Collective states in infinite nuclear matter"

15:40-16:00 Pierre Arthuis - "Recent developments in Bogoliubov Many-Body Perturbation Theory"

16:00-16h30 Coffee Break

16:30-17:10 Lorenzo Fortunato - "Pairing phenomena in single-particle and collective approaches to the nucleus"

Tuesday, Feb 7th

9:30-10:10 Masaki Sasano - "Study of Gamow-Teller transitions from ^{132}Sn via the (p,n) reaction"

10:10-10:50 Andrea Vitturi - "The variety of reactions involving weakly-bound nuclei in a one-dimensional model"

10:50-11:20 Coffee Break

11:20-12:00 Elena Litvinova - "Spin-isospin excitations in relativistic nuclear field theory"

12:00-12:40 Enrico Vigezzi - "A quantitative account of the variety of nuclear structure observables in superfluid nuclei"

12:40-13:00 Jesús Casal - "Structure properties of $^{10,11}\text{Li}$ from (p,pn) and (p,d) reactions"

Lunch Break

15:00-15:40 Filomena Nunes- "Non-local interactions in nuclear reactions"

15:40-16:00 Chloë Hebborn –"Extension of the eikonal approximation to low energies"

16:00-16:30 Coffee Break

16:30-18:00 Discussion session

Wednesday, Feb. 8th

9:30-10:10 Fabio Crespi- "Gamma decay of pygmy states from inelastic scattering of ions"

10:10-10:50 Edoardo Lanza- "Pygmy Resonance"

10:50-11:20 Coffee Break

11:20-12:00 Stefano Burrello "Classical vs quantal effects in small amplitude dynamics"

12:00-12:40 Danilo Gambacurta- "Subtraction method in the Skyrme-second random-phase approximation"

Lunch Break

14:40-15:20 Javier Roca-Maza- Beyond mean field calculations with Skyrme functionals: subtraction method"

15:20-16:00 Nigel Orr- "Odds and ends from beyond the neutron dripline"

16:00-16:30 Coffee Break

16:30-18:00 Discussion session

Thursday, Feb. 9th

9:30-10:10 Alexandre Obertelli- "Recent results on unstable nuclei and related open questions. Perspectives for nuclear structure with low-energy antiprotons"

10:10-10:50 Francisco Barranco- "Single-particle and collective aspects in halo nuclei transfer reactions."

10:50-11:20 Coffee Break

11:20-12:00 Luis Robledo- "On the efficient evaluation of matrix elements between multi-quasiparticle excitations of HFB states"

12:00-12:40 Benjamin Bally- "Description of single-particle and collective excitations in multi-reference energy density functional methods"

Lunch Break

15:00-15:40 Haozhao Liang- "From Functional Renormalization Group to Density Functional Theory: A case study of 0D anharmonic oscillator"

15:40-16:00 Jerry Yang – “Toward an effective field theory approach in energy density functional theory”

16:00-16:30 Coffee Break

16:15-18:00 Open session

Friday, Feb. 10th

9:30-10:10 José Antonio Lay-“Competing transfer channels in double charge-exchange reactions”

10:10-10:50 Manuela Cavallaro-“Nuclear reactions for neutrinoless double beta decay”

10:50-11:20 Coffee Break

11:20-12:00 Angela Bonaccorso-“Light exotic nuclei studied by transfer reactions”

12:00-12:30 Closing remarks

Lunch in the ECT*