Scientific Program

Sunday 9 June 2013 – Caffè Pedrocchi

18:00 – 20:00  Welcome Cocktail and Registration

Monday 10 June 2013 – Archivio Antico, Palazzo del Bo’

08:45  Registration

9:00 – 10:30:  Chair: A. Bracco

9:00  Welcome by  GNESOTTO Francesco, Pro–rector, Univ. Padova
        SORAMEL Francesca,  Director, DFA Univ. Padova
        MEZZETTO Mauro,  Director, INFN Padova

09:15  In memoriam of Enrico Farnea  BAZZACCO, Dino

09:30  Gamma–ray spectroscopy at GANIL  DE FRANCE, Gilles

10:00  The N=20–28 and N=40 islands of inversion: the physics picture  POVES, Alfredo

10:30 – 11:00  Coffee break at Caffè Pedrocchi

11:00 – 12:40  Chair: G. Georgiev

11:00  The PRESPEC–AGATA in–beam spectroscopy campaign at GSI  GERL, Jürgen

11:30  Medium–mass nuclei from chiral effective field theory interactions  SOMÀ, Vittorio

12:00  The AGATA campaign at GANIL  CLÉMENT, Emmanuel

12:20  The strange case of 210Hg: an unexpected structure  GOTTARDO, Andrea

12:35 – 14:00  Lunch
14:00 – 16:10  Chair: P. Bednarczyk

14:00  GRETINA: status and future plans  LEE, I–Yang
14:30  Exotic structure and decay of medium mass nuclei near the drip lines within beyond–mean–field approach  PETROVICI, Alexandrina
15:00  On the elusive links between high–K and low–K states in $^{176}$Lu and $^{180}$Ta  DRACOULIS, George
15:20  Evolution of collectivity in the vicinity of Pb–208  SARMIENTO, Luis
15:40  Study of highly–excited states in $^{140}$Ce via inelastic scattering of $^{17}$O  KRZYSIEK, Mateusz
15:55  Neutron rich Ni isotopes studied by intermediate energy knock–out reactions  RECCHIA, Francesco

16:10 – 16:40  Coffee break at Caffè Pedrocchi

16:40 – 18:30  Chair: G. Benzoni

16:40  Decay spectroscopy of exotic nuclei at RIBF  NISHIMURA, Shunji
17:10  In beam gamma–ray spectroscopy at the RIBF  DOORNENBAL, Pieter
17:40  High–spin yrast isomers in $^{204}$Hg  WRZESIŃSKI, Jacek
17:55  Study of shape transitions in the neutron–rich Os isotopes  JOHN, Philipp Rudolf
18:10  Configurations and decay hindrances of high–K states in $^{180}$Hf  TANDEL, Sujit K.
08:45 – 10:25  Chair: A. Nannini

08:45  Investigation of exotic nuclei with absolute transition probabilities  DEWALD, Alfred
09:15  Nuclear structure studies of heavy nuclei  GREENLEES, Paul
09:45  Differential plunger lifetime measurements of Proton–Unbound Nuclear States (DPUNS)  CULLEN, David
10:05  Gamma spectroscopy in the fermium region at SHIP  ANTALIC, Stanislav

10:25 – 10:55  Coffee break at Caffè Pedrocchi

10:55 – 12:35  Chair: G. Dracoulis

10:55  Gamma-ray spectroscopy with GRETINA at NSCL  WEISSHAAR, Dirk
11:25  Study of nucleon transfer and knockout reactions with high–resolution gamma–ray spectroscopy  KRÖLL, Thorsten
11:55  Collectivity in N=Z mass 70 nuclei  NICHOLS, Adam
12:15  Coulomb excitation of re–accelerated $^{208,210}$Rn and $^{206}$Po at MINIBALL  GRAHN, Tuomas

12:35 – 14:00  Lunch
14:00 – 16:10  Chair: J. Gerl

14:00  From GASP to ROSPHERE: gamma–ray spectroscopy at NIPNE – Bucharest  BUCURESCU, Dorel
14:30  Gamma spectroscopy as a tool to search for particle–phonon coupled states: status and perspectives  LEONI, Silvia
15:00  The 49/2⁺ Isomer in ¹⁴⁷Gd – study of the most complex isomeric decay  BRODA, Rafał
15:20  Lifetime measurements by Doppler methods with the ROSPHERE array  MIHAI, Constantin
15:40  The continuous–angle Doppler–shift attenuation method – sub–picosecond lifetime measurements with position–sensitive HPGe detector arrays  STAHL, Christian
15:55  Collectivity in neutron–rich Co and Mn isotopes going towards N = 40  MODAMIO HOYBJOR, Víctor

16:10 – 17:10  Transfer to Legnaro National Laboratories by bus.
Meeting point: Piazza Garibaldi – Pointer G in the included map –
Departure at 16:30

Aula Villi, Legnaro National Laboratories

17:10 – 17:15  Welcome by FIORENTINI Giovanni, LNL Director

17:15 – 19:05  Chair: N. Mărginean

17:15  Mirror displacement energies and neutron skins  ZUKER, Andres P.
17:45  Mirror energy differences and the J=2 anomaly  LENZI, Silvia Monica
18:15  The SPES RIB facility  PRETE, Gianfranco
18:40  The GALILEO gamma–ray array  UR, Călin Alexandru

19:05 – 19:40  VISIT to LNL

20:00 – 22:00  Social Dinner at  Ristorante Baretta, Legnaro
Wednesday 12 June 2013 – Aula Nievo, Palazzo del Bo’

08:45 – 10:45 Chair: G. de France

08:45  Gamma–ray spectroscopy at an external neutron beam of the Institut Laue–Langevin  JENTSCHEL, Michael
09:15  Structure of exotic nuclei through nuclear moment and transition probability studies  GEORGIEV, Georgi
09:45  Investigation of high spin states near N=50 shell closure in search for emergence of collectivity using INGA  PALIT, Rudrajyoti
10:00  Collectivity of the $4^+$ state in $^{70}$Zn studied via Coulomb excitation  ZIELINSKA, Magda
10:15  Isospin symmetry violation in sd shell nuclei  LAM, Yi Hua
10:30  Nuclear shape evolution through lifetime measurement in neutron rich nuclei  GREnte, Lucie

10:45 – 11:15 Coffee break at Caffè Pedrocchi

11:15 – 13:30 Chair: R. Broda

11:15  Gamma–ray spectroscopy with large volume scintillator detectors  CAMERA, Franco
11:45  Gamma–ray spectroscopy at TRIUMF–ISAC: recent results, perspectives and future opportunities  WANG, Zhimin
12:15  NEDA: NEutron Detector Array for spectroscopy studies  HÜYÜK, Tayfun
12:30  Agata modules as Compton polarimeters for the measurement of gamma–ray linear polarization  MELON, Barbara
12:45  Simulating the position sensitivity of the segmented iThemba LABS HPGe detector  NONCOLELA, Sive
13:00  In–vivo range measurement of therapeutic protons from prompt gamma emission  ALARCON, Ricardo
13:15  Closing session

13:30  Lunch

14:25 – 15:30 Guided visit to Palazzo del Bo’

Meeting point in the New Court of Palazzo del Bo’