



Sezione di Padova



Dipartimento
di Fisica
e Astronomia
Galileo Galilei



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Nuclear Structure at $N=Z$ and at the proton drip line with the AGATA and GALILEO arrays

4-5 May 2015 – VIU - San Servolo, Venice

Programme

Monday, May 4th

13:30 - 14:00	Registration	
14:00 - 14:15	Welcome	Chair : G. de France
14:15 - 14:30	S. Lenzi - UNIPD & INFN-PD	Physics program with AGATA in GANIL
14:45 - 15:05	E. Clement - GANIL	AGATA Campaign: status and perspectives
15:05 - 15:25	A. Goasduff - INFN-LNL	GALILEO Campaign: status and perspectives
15:25 - 15:50	D. Testov - INFN-LNL	EUCLIDES: status and coupling to GALILEO
15:50 - 16:05	G. Jaworski - INFN-LNL	The N-Wall for the GALILEO campaign
16:05 - 16:30	Coffe break	
16:30 - 16:45	A. Dewald - Institut für Kernphysik, Universität zu Köln	The plunger for GALILEO
16:45 - 17:00	V. Modamio - INFN-LNL	NEDA status and perspectives at GANIL
17:00 - 17:15	B. Nyako	Status and perspectives of DIAMANT
17:15 - 17:30	N. Redon - IPN Lyon	The target chamber for the AGATA+NEDA campaign
17:30 - 17:45	C. Andreoiu - Simon Fraser University	The TIGRESS Integrated Plunger for Experiments with AGATA
17:45 - 18:00	P. Bednarczyk - IFJ-PAN	High spin of $A=40-70$ nuclei near $N=Z$ using RFD and PARIS/HECTOR
18:00 - 18:30	General discussion on the organization and timetables of the hard-firm-soft-ware developments	



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Tuesday, May 5th

- 09:00 - 09:15 **J.J. Valiente-Dobon** - INFN-LNL
- 09:15 - 09:30 **E. Clement** - GANIL
- 09:30 - 09:45 **J. Nyberg** - Department of Physics and Astronomy, Uppsala University
- 09:45 - 10:00 **B. Cederwall** - Royal Institute of Technology
- 10:00 - 10:15 **A. Gadea** - IFIC CSIC-University of Valencia
- 10:15 - 10:30 **C. Fransen** - Institut für Kernphysik, Universität zu Köln
- 10:45 - 11:00 **A. Dewald** - Institut für Kernphysik, Universität zu Köln
- 11:00 - 11:30 **Coffe break**
- 11:30 - 11:45 **S. M. Lenzi** - UNIPD & INFN-PD
- 11:45 - 12:00 **D. Mengoni** - UNIPD & INFN-PD
- 12:00 - 12:15 **C. Andreoiu** - Simon Fraser University
- 12:15 - 12:30 **A. Boso** - UNIPD & INFN-PD
- 12:30 - 13:00 **G. Benzoni** - INFN-MI
- 13:00 - 14:15 **Lunch**

Chair: G. De Angelis

Octupole correlations above ^{100}Sn : $B(E3)$ strength in ^{118}Ba ^{112}Xe spectroscopy
Structure of ^{102}Sn

Spectroscopy and lifetime measurements in self-conjugate nuclei and their neighbors as a probe of neutron-proton correlation phenomena
Mirror Energy Differences in $T=1/2$ pairs at the Valence Maximum in the pfg-Shell

Enhanced collectivity in self-conjugate ^{76}Sr

Dynamical deformation changes in favored and unfavored signature partners of rotational structures in well deformed odd-A nuclei

Lifetimes in ^{68}Se

Shape-coexistence nearby ^{56}Ni

Exploring Excited States in ^{34}Ar

High spin states in mirror nuclei ^{31}S and ^{31}P

Study of Isospin symmetry at finite temperature with the Galileo array

Chair : S. Lenzi

14:15 - 15:00 **Brainstorming on new (not yet mature) ideas**

15:00 - 16:00 **General discussion on the proposals strategy**