



## THIRD PRE-PAC WORKSHOP OF AGATA@LNL

INFN, LABORATORI NAZIONALI DI LEGNARO  
21 APRIL 2023

### SCIENTIFIC PROGRAMME

**Friday, 21st April 2023**

9:00 – 9:30 **Registration**

9:30 **Introduction and AGATA campaign** 20'  
Speaker: J. J. Valiente Dobon

9:50 **Summary of Lols** 20'  
Speaker: M. Zielińska

10:10 - 11:10 **Session 1**

10:10 **Coupling the In-Flight Radioactive Ion Beam Facility EXOTIC and AGATA: status and commissioning** 20'  
Speaker: M. Mazzocco

10:30 **Two-Phonon Octupole excitation in  $^{96}\text{Zr}$**  20'  
Speaker: D. Stramaccioni

10:50 **Test of the isospin symmetry in the A=22 triplet via multi-nucleon transfer reactions** 20'  
Speaker: P. A. Aguilera Jorquera

11:10 - 11:40 **Coffee break**

11:40 - 13:20 **Session 2**

11:40 **Searching for alpha-cluster states in  $^{126}\text{Te}$  with AGATA and EUCLIDES** 20'  
Speaker: C. Andreoiu

12:00 **Searching for intruder bands in  $^{106}\text{Pd}$  via Coulomb excitation** 20'  
Speaker: N. Marchini

- 12:20 **Probing the largest Z=50 core-breaking prediction towards  $^{100}\text{Sn}$ : lifetime measurement of the  $4^+$  in  $^{110}\text{Sn}$  20'**  
Speaker: M. Polettini
- 12:40 **Precise measurement of the  $B(E2; 2^+ \rightarrow 0^+_1)$  in  $^{56}\text{Ni}$  20'**  
Speaker: F. Galtarossa
- 13:00 **Shell and shapes above  $^{56}\text{Ni}$ : lifetime measurements in ground-state and side band of  $^{60}\text{Zn}$  20'**  
Speaker: D. Mengoni
- 13:30 - 14:30 **Lunch break**
- 14:30 - 15:30 **Session 3**
- 14:30 **Study of collectivity evolution in Ca isotopes via lifetime measurements 20'**  
Speaker: M. Balogh
- 14:50 **Investigation of octupole correlations in light Te isotopes 20'**  
Speaker: J. Benito Garcia
- 15:10 **Decay-out of the oblate, triaxial and highly-deformed bands in  $^{136,137}\text{Nd}$  20'**  
Speaker: C. M. Petrache