

AGATA Collaboration Meeting PROGRAM

Legnaro Laboratory, 19-20 October 2023

Thursday 19th October

- 14.00- 14.05** Welcome from ACC Chair
S. Leoni (university of Milan and INFN)
- 14.05- 14.20** News from AGATA Steering Committee
A. Bracco (University of Milan and INFN, Milano, Italy)
- 14.20- 14.35** On the path to Open Science / Open Data
O. Stezowski (IN2P3-CNRS, University of Lyon, France)
- 14.35- 14.50** Report on AGATA@LNL experiment E22.28
"Search for a Josephson-like effect in the $^{116}\text{Sn}+^{60}\text{Ni}$ system"
G. Andreatta (LNL, Italy)
- 14.50- 15.05** Report on AGATA@LNL experiment E22.97
"Probing nucleon-nucleon correlations in the $^{48}\text{Ca}+^{208}\text{Pb}$ system"
T. Mijatovic (RBI, Zagreb, Croatia)
- 15.05- 15.20** Report on AGATA@LNL experiment E22.72
" ^{10}C superallowed β -decay branching ratio measurement:"
J. Ha (Center for Exotic Nuclear Studies, IBS)
- 15.20- 15.35** Report on AGATA@LNL experiment E22.04
" Pathway to nuclear structure in heavy neutron rich nuclei in the vicinity of $N=126$ and nuclei northwest of ^{132}Sn via multinucleon transfer reactions"
R. Abels (University of Cologne, Germany)
- 15:35-16.00** **Coffee Break**
- 16.00- 16.20** AGATA Location from 2026: possible campaign at LNL
J.J. Valiente Dobon (LNL, Italy)
- 16.20- 16.40** AGATA Location from 2026: possible campaign at GANIL
E. Clement (TBC) (GANIL, France)
- 16.40- 17.00** AGATA Location from 2026
General discussion
- 17.00-18.30** **AGATA Collaboration Council Meeting (Closed Session)**

Friday 20th October

- 9.15- 9.30** Report on AGATA@LNL experiment E22.76
"Lifetime measurements of low-lying excited states of 198Pt using the reversed plunger configuration"
J. Pllumaj (LNL, Italy)
- 9.30- 9.45** Report on AGATA@LNL experiment E22.76
"Fusion-fission for γ -ray spectroscopy of neutron-rich nuclei around N=50"
F. Angelini (INFN, Italy)
- 9.45- 10.00** Report on AGATA@LNL experiment E22.85
"Octupole correlations in the neutron-deficient plutonium isotopes"
J. F. Smith (University West Scotland, UK)
- 10.00- 10.15** Report on AGATA@LNL experiment E22.42
"Shape coexistence in Sn isotopes around A=110"
G. Corbari (University of Milan and INFN, Italy)
- 10.15- 10.30** Report on AGATA@LNL experiment E22.41
"Probing Multiple Shape Coexistence in ^{110}Cd with Coulomb"
N. Marchini (INFN Florence, Italy)
- 10.30- 10.45** Report on AGATA@LNL experiment E22.18 and E22.11
"Coulomb excitation of ^{96}Zr and ^{74}Se "
N. Marchini (INFN Florence, Italy)
- 10.45- 11.15** **Coffee Break**
- 11.15- 11.30** Report on AGATA@LNL experiment E22.91
"Lifetime of excited 0+ states in ^{60}Fe "
D. Mengoni (University of Padua and INFN, Italy)
- 11.30- 11.45** Report on AGATA@LNL experiment E22.40
"Lifetime measurements for the study of intruder states towards the island of inversion along the N =20 shell closure"
R. Nicolás Del Álamo (INFN, Italy)
- 11.45- 12.00** Report on AGATA@LNL experiment E22.07
"Evolution of the mixing between single particle and intruder configurations approaching the island of inversion at N=20"
L. Zago (INFN, Italy)
- 12.00-12.30** Concluding remarks
M. Zielinska and S. Leoni