

NUSPIN 2018 Workshop and AGATA Town Meeting



Monday 25 June 2018 - Friday 29 June 2018

Scientific Programme

****Monday 25th June 2016****

****Registration (13:00-14:00)****

14:15 Welcome
 GADEA, A

14:30 Coexistence of Nuclear Shapes: Self-consistent Mean-Field
 and Beyond
 VRETENAR, D

15:00 latest results from the AGATA campaign at GANIL
 RALET, D

15:30 New results from MINIBALL at HIE-ISOLDE
 KROELL, T

Coffee break (16:00-16:30)

16:30 Results from the first NuBALL campaign
 WILSON, J

17:00 Recent results from the ISOLDE Decay Station
 LICA, R

17:30 High spin states in mirror nuclei ^{31}S and ^{31}P
 TESTOV, D

17:50 Study of shell evolution around the doubly magic ^{208}Pb , via
 multi-nucleon transfer reaction at ISOLDE
 ILLANA, A

18:05 New results on excited states in the one-particle one-hole
 nucleus ^{56}Co measured with Miniball detectors
 MONTANER, A

****Tuesday 26th June 2018****

9:00 Shell model spectroscopy far from stability
 POVES, A

9:30 Recent highlights from the GRETINA science campaign
 at NSCL
 IWASAKI, H

10:00 Results on ^{79}Cu
 FRANCHOO, S

Coffee Break (10:30-11:00)

11:00 Electric dipole strength and dipole polarizability in ^{48}Ca
 within a fully self-consistent second random-phase
 approximation
 GAMBACURTA,

D

11:30 TAS technique, latest results at Jyvaskula plus future plans at GSI and RIKEN
TAIN, JL

12:00 ^{81}Ga – Three valence protons coupled to $N=50$ neutron-core excitations
DUDOUET, J

12:20 High-spin structures of transitional Xe nuclei in the $50 \leq Z; N \leq 82$ region
KAYA, L

LUNCH (12:40-14:30)

****Working Group Meeting****

14:30 General introduction
MENGONI, D

14:40 WG1 Nuclear structure by missing mass and gamma-ray spectrometry
DE ANGELIS, G

15:10 COMSOL simulations of HpGe detectors with multiple contacts
BERTOLDO, S

15:20 Novel contacts in HPGe for gamma ray detectors
RAINIERO, W

15:30 WG2 Charged particle detection systems for direct reaction studies
BEAUMEL, D

Coffee break (16:00-16:30)

16.30 WG3 Development of a new scintillation detector based spectrometer at the RIBF
CORTES, ML

17:00 Recent news from the PARIS array
CEMALA, M

17.15 WG4 Internal conversion electron measurements at SPES
ROCCHINI, M

17.45 General discussion and concluding remarks

****Wednesday 27th June 2018****

9:00 Toward the understanding of near-threshold collectivity
PLOSZAJCZAK, M

9:30 Overview of the SEASTAR campaigns at RIKEN
with MINOS and DALI2
GILLIBERT, A

10:00 Coulomb Excitation of ^{206}Hg
PODOLYAK, Z

Coffee Break (10:30-11:00)

11:00 Structure of medium-mass neutron rich nuclei with the MCSM
OTSUKA, T

11:30 Spectroscopy of ^{158}W , at the 2p dripline
JOSS, D

12:00 First spectroscopy of ^{62}Ti : Shell evolution towards ^{60}Ca
CORTES, ML

12:20 Influence of electronic and nuclear correlation on weak
decays
SIMONUCCI, S

LUNCH (12:40-14:10)

14:10 Coulomb excitation of the doubly-magic ^{132}Sn with MINIBALL
at HIE-ISOLDE
ROSIK, D

14:30 Coulex / AGATA results on ^{42}Ca
HADYNSKA-KLEK, K

15:00 JUROGAM II Upgrade and Recent results
GREENLEES, P

15:30 EAGLE – GAMMAPOOL 2010-2018 cooperation
SREBRNY, J

Coffee break (16:00-16:30)

16:30 AGATA N=Z Campaign
DE FRANCE, G

17:00 Recent results and status of the CALIFA calorimeter for R3B
CORTINA, L

17:30 Turkish Contributions to AGATA, EXOGAM, NEDA,
PARIS and NUSTAR Projects
ERTURK, S

17:50 Collectivity along N=50: the neutron-magic ^{92}Mo and ^{94}Ru
PEREZ,

R

****Thursday 28th June 2018****

****AGATA Town Meeting****

Status and Perspectives of the AGATA project (9:00-10:30)

9:00 Towards the 4pi AGATA Array - Perspectives beyond 2020
REITER, P

9:30 Towards the 4pi AGATA Array - Status and technical
evolution
GADEA, A

10:00 Highlights from the AGATA campaign at GANIL and future
plans
LENZI, S

Coffee Break (10:30-11:00)

AGATA Collaboration Meeting (11:00-12:30)

11:00 Status of AGATA@GANIL
RALET, D

11:30 Status and perspectives of the AGATA-MUGAST
campaign at GANIL
MENGONI, D

12:00 Status and perspectives of AGATA with VAMOS
Gas-Filled Mode
THEISEN, Ch

LUNCH (12:30-14:00)

Status of AGATA experiments (14:00-16:00)

14:00 Introduction
KORTEN, W

14:15 AGATA@FAIR
JUNGCLAUS, A

14:30 AGATA@GANIL
THEISEN, C

14:45 AGATA@HIE-ISOLDE
ZIELINSKA, M

15:00 AGATA@LNL/SPES
LEONI, S

15:15 AGATA@JYFL
GREENLEES,

P

Coffee Break (16:00 - 16:30)

Status of the AGATA experiments (16:30-18:00)

16:30 AGATA White Book General Discussion

18:00 Closed meeting of the AGATA Collaboration Council

****Friday 29th June 2018****

Status of AGATA experiments (09:00 - 11:30)

09:00 Status of the experiment S426 from the PreSPEC campaign
LETTMANN, M

09:15 Isospin Symmetry of the A=46 T=1 triplet studied with AGATA
BENTLEY, M

09:30 Coulomb excitation of the band-terminating 12+ yrast trap
in Fe-52 (S433)
HUYUK, T

09:45 Neutron-rich nuclei in the vicinity of 208Pb
SICILIANO, M

10:00 Prompt-delayed gamma-ray spectroscopy of neutron-rich
fission fragments using AGATA, VAMOS++ and EXOGAM
BISWAS, S

10:15 Lifetime measurements of excited states in neutron-rich
C and O isotopes - experiment with the AGATA+PARIS+VAMOS
setup performed at GANIL
CIEMALA, M

Coffee Break (10:30-11.00)

Status of AGATA experiments (11:00-13:00)

11:00 Shape transition in the neutron-rich W isotopes
JOHN, PR

11:15 Search of two-phonon octupole state in the
vicinity of 208Pb
RALET, D

11:30 Evolution of collectivity around N=40: Lifetime
measurements in 73,75Ga: Update of the analysis
CELIKOVIC, I

11:45 Lifetime measurement in the N=Z=50 region
SICILIANO, M

12:00 Evolution of the shell structure in the region of
neutron-rich Ti

isotopes

GOLDKUHLE, A

12:15 Alpha cluster structures in ^{212}Po :
status of e693 data analysis

FERNANDEZ, A

12:30 Report on the present status of E706

MODAMIO, V