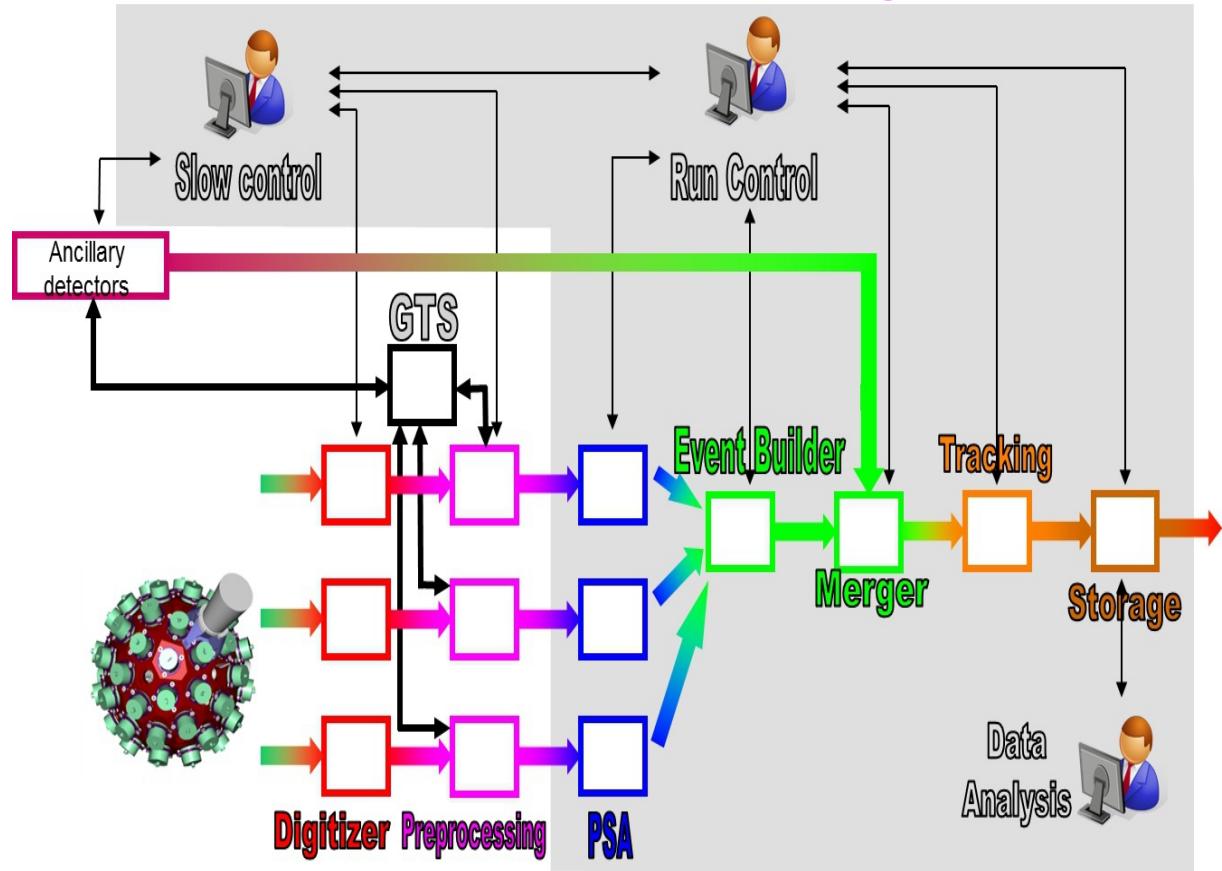
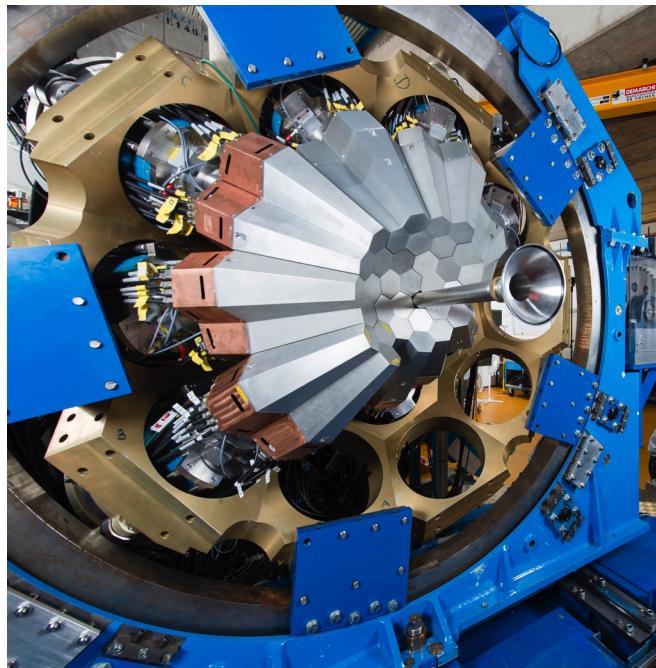


ADVANCED GAMMA TRACKING ARRAY

Welcome to the AGATA Data Analysis



Orsay, January 21-24, 2018

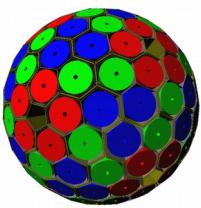


Amel KORICHI

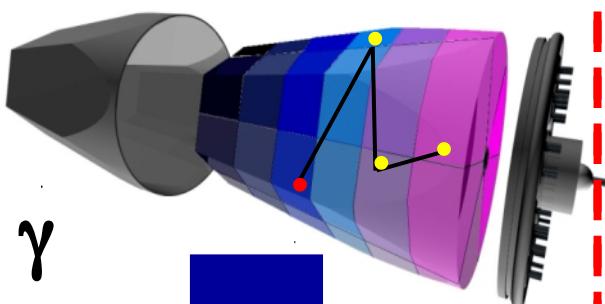




Ingredients of Gamma Tracking



Highly segmented
HPGe detectors



Synchronized digital
electronics to digitize
(14 bit, 100 MS/s) and
process the 37 signals
generated by crystals

HARDWARE

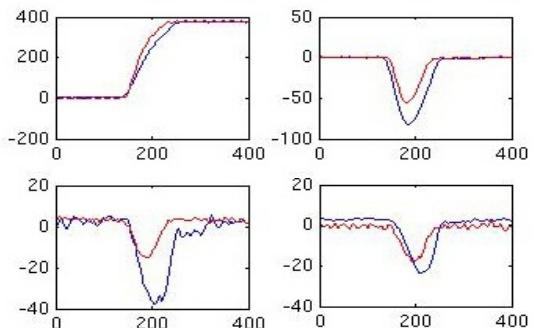
Event building
time-stamped data

Global level
Local level

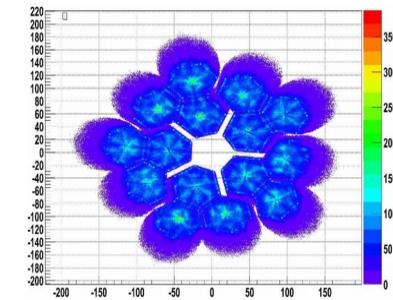
Energies, times,
interaction points

$(x,y,z,E,t)_i$

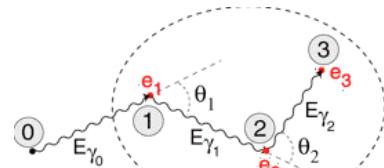
Pulse Shape Analysis
of the recorded waves



SOFTWARE



Reconstruction of
 γ -rays from the hits



Analysis &
correlation with
other detectors

AGATA Management Board and Teams

A. Gadea (Project Manager)

A. Boston, B. Million, A. Korichi, F. Recchia, H.Hess, P. Reiter (ASC) and W.Korten (ACC).
 J. Gerl (LCM-GSI), E. Clement (LCM-GANIL)

AGATA Working Groups

AGATA Teams

AMB Chairman Project Manager A.Gadea	Detector Module H.Hess	Detector & Cryostat (tbd)	Detector CAT & Testing H. Boston	R & D on gamma Detectors & Applications
	Front-end Electronics A. Gadea	Pre-Amplifier Digitizer A. Pullia	Global Trigger & Synchronization M. Bellato	Pre-processing I. Lazarus
	Data Processing A.Korichi	Hard/Software DAQ Support X. Grave G. Lalaire	Slow Control & FEE Monitoring E. Legay	Data Analysis & Tracking O. Stezowski A. Lopez-Martens
	PSA & Characterization A.Boston	PSA Algorithm Development L. J. Harkness	Detector Characterisation (J.Simpson)	Data distribution and re-processing F.Crespi J.Dudouet
Resource Manager B.Million	Infrastructure. Comp. Det. B.Million	Detector array Infrastructure R.Menegazzo	Complementary Detectors J.J. Valiente	Mechanical Infrastructure A.Grant
	Performance and Simulation F.Recchia	AGATA Performance J.Ljungvall C.Michelagnoli	AGATA Commissioning P.R. John	AGATA Physics & exp. Simulation M. Labiche
	Technical Coordinator Engineering Adv.	Compatibility EMC, Interfacing	Specification control	Quality Control
				Documentation

Local Campaign Managers (LCM)

INFN-LNL
Legnaro

GSI
Darmstadt
J.Gerl

GANIL-SPIRAL2
Caen
E.Clement

Fabio Crespi and Jérémie Dudouet with the inputs of the AGATA collaboration :

Documentation: dowloads

by **dudouet** » Fri Jun 01, 2018 3:11 pm

User's guides:

User's guide for Local Level Processing calibrations:

- <https://atrium.in2p3.fr/878272cd-bb33-4...7c1a38e8d1>

User's guide for Global Level Processing Replays:

- <https://atrium.in2p3.fr/addab6d3-ef22-4...9f145376f3>

User's guide for data dowloads from the grid:

- <https://atrium.in2p3.fr/b40ecd78-86f1-4...115079a106>

Gammaware user's guide:

- <https://atrium.in2p3.fr/0114ad97-1628-4...93e213ae63>

Software installation:

Cookbook for Agata Software installation (agapro, ganpro, gammaware, femul):

- <https://atrium.in2p3.fr/bb789df4-16c6-4...0007536468>

Talks and other documents:

Material presented at the AGATA Analysis workshops:

- <https://atrium.in2p3.fr/f8d6f1ef-46db-4...d404f3c784>

Your feed-back and help are valuable.