

**Second AGATA-GRETINA
tracking arrays collaboration
meeting**

**Rapport sur les
contributions**

ID de Contribution: 2

Type: **Non spécifié**

GRETA project

mercredi 4 avril 2018 09:40 (25 minutes)

Orateur: FALLON, Paul (LBNL, USA)

Classification de Session: Review of AGATA and GRETINA/GRETA projects

ID de Contribution: 3

Type: **Non spécifié**

AGATA project

mercredi 4 avril 2018 10:05 (25 minutes)

Orateur: GADEA, Andres (IFIC, University of Valencia, Spain)

Classification de Session: Review of AGATA and GRETINA/GRETA projects

ID de Contribution: 4

Type: **Non spécifié**

AGATA data through GRETINA decomposition

ID de Contribution: 5

Type: **Non spécifié**

AGATA data through GRETINA decomposition: Data translation and basis generation

mercredi 4 avril 2018 11:00 (30 minutes)

Auteurs principaux: LAURITSEN, Torben (ANL, USA); CRAWFORD, Heather (LBNL, USA)

Orateurs: LAURITSEN, Torben (ANL, USA); CRAWFORD, Heather (LBNL, USA)

Classification de Session: Review of the decisions made during the first meeting

ID de Contribution: 6

Type: **Non spécifié**

GRETINA data through AGATA PSA

Orateur: STÉZOWSKI, Olivier (IPN Lyon, France)

ID de Contribution: 7

Type: **Non spécifié**

Event-by-event Tracking comparison

ID de Contribution: **8**

Type: **Non spécifié**

GRETINA data through AGATA PSA

mercredi 4 avril 2018 11:30 (20 minutes)

Orateur: STÉZOWSKI, Olivier (IPN Lyon, France)

Classification de Session: Review of the decisions made during the first meeting

ID de Contribution: **9**

Type: **Non spécifié**

Event-by-event Tracking codes comparison

mercredi 4 avril 2018 11:50 (15 minutes)

Orateurs: KORICHI, Amel (CSNSM Orsay, France); LAURITSEN, Torben (ANL, USA)

Classification de Session: Review of the decisions made during the first meeting

ID de Contribution: **10**

Type: **Non spécifié**

AGATA tracking code improvement

jeudi 5 avril 2018 09:00 (20 minutes)

Orateur: LOPEZ-MARTENS, Araceli (CSNSM Orsay, France)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 11

Type: **Non spécifié**

GRETA tracking code improvement

jeudi 5 avril 2018 09:20 (20 minutes)

Orateur: LAURITSEN, Torben (ANL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 12

Type: **Non spécifié**

Angular correlations and distributions and Linear polarization with tracking

jeudi 5 avril 2018 09:40 (1 heure)

Auteurs principaux: LAURITSEN, Torben (ANL, USA); ALLMOND, Mitch (ORNL, USA); TABOR, Sam (FSU, USA)

Co-auteurs: CRAWFORD, Heather (LBNL, USA); BENDER, Peter (UMass Lowell, USA)

Orateurs: LAURITSEN, Torben (ANL, USA); ALLMOND, Mitch (ORNL, USA); TABOR, Sam (FSU, USA); CRAWFORD, Heather (LBNL, USA); BENDER, Peter (UMass Lowell, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 13

Type: **Non spécifié**

Neutron damage corrections, sensitivity of GRETINA position to hole mobility

jeudi 5 avril 2018 11:10 (50 minutes)

Auteurs principaux: ROBERT, Hetzenegger (IKP-Koeln); LEWANDOWSKI, Lars (IKP-Koeln, Germany); CHOWDHURY, Partha (University of Massachusetts Lowell, USA); BENDER, Peter (UMass Lowell, USA)

Orateurs: ROBERT, Hetzenegger (IKP-Koeln); LEWANDOWSKI, Lars (IKP-Koeln, Germany); CHOWDHURY, Partha (University of Massachusetts Lowell, USA); BENDER, Peter (UMass Lowell, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 14

Type: **Non spécifié**

High energy efficiency of tracking arrays

Orateur: CRESPI (TBC), Fabio

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 15

Type: **Non spécifié**

High rate capabilities of AGATA and GRETINA/GRETA

Orateurs: CAMPBELL, Chris (LBNL, USA); CLÉMENT (TBC), Emmanuel (GANIL, France); CROMAZ, Mario (LBNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 16

Type: **Non spécifié**

Signal decomposition/PSA update, introduction

Orateurs: BOSTON, Andy (University of Liverpool, US); RADFORD, David (ORNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 17

Type: **Non spécifié**

Signal generation codes

Orateur: RADFORD, David (ORNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: **18**

Type: **Non spécifié**

Scanning tables summary report

Orateur: BOSTON, Andy (University of Liverpool, UK)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: **19**

Type: **Non spécifié**

In-situ experimental basis

Orateur: LJUNGVALL, Joa (CSNSM Orsay, France)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: **20**

Type: **Non spécifié**

New PSA algorithms

Orateur: HARKNESS-BRENNAN, Laura (University of Liverpool, UK)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 21

Type: **Non spécifié**

Machine learning

Orateurs: RADFORD, David (ORNL, USA); CROMAZ, Mario (LBNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 22

Type: **Non spécifié**

Signal decomposition/PSA update, introduction

mercredi 4 avril 2018 13:30 (40 minutes)

Orateurs: RADFORD, David (ORNL, USA); BOSTON, Andy (University of Liverpool, UK)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 23

Type: **Non spécifié**

GRETA signal generation

mercredi 4 avril 2018 14:10 (20 minutes)

Orateur: RADFORD, David (ORNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 24

Type: **Non spécifié**

Scanning tables summary report

mercredi 4 avril 2018 14:50 (20 minutes)

Orateur: BOSTON, Andy (University of Liverpool, UK)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 25

Type: **Non spécifié**

In-situ experimental basis

mercredi 4 avril 2018 15:10 (20 minutes)

Orateur: LJUNGVALL, Joa (CSNSM Orsay, France)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 26

Type: **Non spécifié**

New PSA algorithms

mercredi 4 avril 2018 16:00 (15 minutes)

Orateur: HOLLOWAY, Fraser (University of Liverpool)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 27

Type: **Non spécifié**

Machine learning

mercredi 4 avril 2018 16:15 (45 minutes)

Auteurs principaux: RADFORD, David (ORNL, USA); ROUSSEAU, David (LAL Orsay, France); CROMAZ, Mario (LBNL, USA)

Orateurs: RADFORD, David (ORNL, USA); ROUSSEAU, David (LAL Orsay, France); CROMAZ, Mario (LBNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: **28**

Type: **Non spécifié**

Simulations status for AGATA

mercredi 4 avril 2018 17:00 (25 minutes)

Auteur principal: LJUNGVALL, Joa (CSNSM)

Orateur: LJUNGVALL, Joa (CSNSM)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 29

Type: **Non spécifié**

Simulations status for GRETINA/GRETA and Segment efficiencies versus dead layers

mercredi 4 avril 2018 17:25 (35 minutes)

Orateur: CRAWFORD, Heather (LBNL, USA)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: **30**

Type: **Non spécifié**

High rate capabilities of AGATA and GRETINA/GRETA

jeudi 5 avril 2018 14:00 (30 minutes)

Auteurs principaux: CAMPBELL, Chris (LBNL, USA); CROMAZ, Mario (LBNL, USA); KORICHI, Amel (CSNSM)

Orateurs: CAMPBELL, Chris (LBNL, USA); CROMAZ, Mario (LBNL, USA); KORICHI, Amel (CSNSM)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 31

Type: **Non spécifié**

Electronics overview for GRETA

jeudi 5 avril 2018 14:30 (20 minutes)

Orateurs: CARPENTER, Mike (ANL, USA); CAMPBELL, Chris (LBNL, USA)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 32

Type: **Non spécifié**

Electronics overview for AGATA

jeudi 5 avril 2018 14:50 (20 minutes)

Orateurs: GADEA, Andres (IFIC, University of Valencia, Spain); GONZÁLEZ MILLÁN, Vicente (University of Valencia, Spain)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 33

Type: **Non spécifié**

DAQ overview for AGATA

jeudi 5 avril 2018 15:10 (20 minutes)

Orateurs: GRAVE, Xavier (CSNSM Orsay, France); KORICHI, Amel (CSNSM Orsay, France)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 34

Type: **Non spécifié**

DAQ overview for GRETA

jeudi 5 avril 2018 16:00 (25 minutes)

Orateur: CROMAZ, Mario (LBNL, USA)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 35

Type: **Non spécifié**

Report on Reset pre-amplifier and ToT effect

Orateur: PULLIA (TBC), Alberto (INFN Milan, Italy)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 36

Type: **Non spécifié**

AGATA/GRETA detectors and status / Failed FET problems

jeudi 5 avril 2018 16:40 (30 minutes)

Orateurs: CAMPBELL, Chris (LBNL, USA); HESS , Herbet (IKP Cologne, Germany)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 37

Type: **Non spécifié**

Presentation from Mirion-Canberra (title TBD)

Orateur: PIRARD, Benoit (Mirion/canberra)

Classification de Session: Other topics and developments

ID de Contribution: **38**

Type: **Non spécifié**

In-beam test of the ORNL prototype segmented inverted point contact detector

vendredi 6 avril 2018 09:10 (15 minutes)

Orateur: CRAWFORD, Heather (LBNL, USA)

Classification de Session: Other topics and developments

ID de Contribution: **39**

Type: **Non spécifié**

DSPEC detectors

vendredi 6 avril 2018 09:55 (20 minutes)

Orateur: GERL, Jürgen (GSI, Germany)

Classification de Session: Other topics and developments

ID de Contribution: 40

Type: **Non spécifié**

SIGMA detector simulations and performance

vendredi 6 avril 2018 09:25 (15 minutes)

Orateur: WRIGHT, Jon (University of Liverpool, UK)

Classification de Session: Other topics and developments

ID de Contribution: 41

Type: **Non spécifié**

PSeGe activities

vendredi 6 avril 2018 09:00 (10 minutes)

Orateur: GADEA, Andres (IFIC, Spain)

Classification de Session: Other topics and developments

ID de Contribution: 42

Type: **Non spécifié**

Welcome by the CSNSM director

mercredi 4 avril 2018 09:30 (10 minutes)

Orateur: SCAPACI, Jean Antoine (CSNSM Orsay, France)

Classification de Session: Review of AGATA and GRETINA/GRETA projects

ID de Contribution: 43

Type: **Non spécifié**

Post acquisition data life

jeudi 5 avril 2018 16:25 (15 minutes)

Orateur: LEGAY, Eric (CSNSM Orsay, France)

Classification de Session: Electronics and DAQ session: requirements for full arrays

ID de Contribution: 44

Type: **Non spécifié**

SAGe Well detector

vendredi 6 avril 2018 09:40 (15 minutes)

Orateur: UNSWORTH, Carl (University of Lierpool, UK)

Classification de Session: Other topics and developments

ID de Contribution: 45

Type: **Non spécifié**

AGATA/GRETA detectors and status / Failed FET problems

Orateurs: CAMPBELL, Chris (LBNL, USA); HESS, Herbert (IPKP-Koel, Germany)

Classification de Session: Other topics and developments

ID de Contribution: 46

Type: **Non spécifié**

Other contributions

vendredi 6 avril 2018 10:15 (15 minutes)

Auteurs principaux: CHOWDHURY, Partha (UMass Lowell, USA); DE CANDITIIS, Bartolomeo (IPHC, France)

Orateurs: CHOWDHURY, Partha (UMass Lowell, USA); DE CANDITIIS, Bartolomeo (IPHC, France)

Classification de Session: Other topics and developments

ID de Contribution: 47

Type: **Non spécifié**

AGATA Detector Library

mercredi 4 avril 2018 14:30 (20 minutes)

Orateur: HIRSH, Rouven (IKP-Koeln, Germany)

Classification de Session: New algorithms, new basis developments/improvements for the decomposition/PSA and tracking. Simulations and performance of the arrays

ID de Contribution: 48

Type: **Non spécifié**

Ideas from D. Radford

vendredi 6 avril 2018 11:00 (20 minutes)

Classification de Session: General discussion and conclusions