

FaziaDAYS Florence 2023

Report of Contributions

Contribution ID: 1

Type: **not specified**

The MoU of the FAZIA collaboration 2023-2027

Monday, 26 June 2023 14:30 (20 minutes)

Presenter: Mr LE NEINDRE, Nicolas (LPC Caen, CNRS-in2p3, Université de Caen)

Contribution ID: 2

Type: **not specified**

Possible scenario for the first measurement with FAZIA blocks at RAON

Monday, 26 June 2023 16:30 (30 minutes)

confirmed

Presenter: Prof. HONG, Byungsik

Contribution ID: 6

Type: **not specified**

E818 data reduction

Tuesday, 27 June 2023 15:00 (30 minutes)

Presenter: Mr REBILLARD-SOULIÈ, Alex (GANIL France)

Contribution ID: 7

Type: **not specified**

INDRA results from Xe,Sn reactions at GSI energies

Tuesday, 27 June 2023 12:10 (30 minutes)

Presenter: Mr NAM, Seon Ho

Contribution ID: 8

Type: **not specified**

PSA in Silicon Detectors in E818 reactions

Tuesday, 27 June 2023 15:30 (30 minutes)

An overview will be given on results, performance from the calib beams to Ni+Ni main system

Presenter: BALDESI, Lucia (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 9

Type: **not specified**

Automated calibration Analysis of FAZIA detectors

Tuesday, 27 June 2023 16:30 (25 minutes)

In this contribution, I will present the first results concerning an automated procedure for isotope identification and energy calibration for $Si - Si$ telescopes.

The aim of this work is to speed up and improve the reproducibility of the data calibration procedure by providing a fully automated analysis chain.

The method presented here is also sufficiently general to be applied to $Si - CsI$ telescopes with minor modifications.

Presenter: Mr VALENTE, Antonin (LPC Caen France)

Contribution ID: 11

Type: **not specified**

A physics case for C+C at 8.63MeV/u (E818 exp)

Tuesday, 27 June 2023 17:40 (30 minutes)

Presenter: GRUYER, Diego (LPC Caen)

Contribution ID: 13

Type: **not specified**

Towards fragmentation cross section in the FaziaZERO experiment: C+C at 62MeV/u

Wednesday, 28 June 2023 09:30 (30 minutes)

Presenter: Mr GUO, Ge (Beihang Uni Beijing)

Contribution ID: 15

Type: **not specified**

New perspectives from FAZIA data: IA approach and Bayesian attempts

Wednesday, 28 June 2023 10:30 (20 minutes)

ideas on Bayesian analysis, on IA approach, on a draft “Overview of isospin data from recent Fazio experiments”

Presenters: CAMAIANI, Alberto; PIANTELLI, Silvia (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 16

Type: **not specified**

Towards thin Si1 Stage: 30micron detectors and mechanical integration

Wednesday, 28 June 2023 11:30 (25 minutes)

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: **18**

Type: **not specified**

Integration, mechanics and mounting connection for FAZIA

Wednesday, 28 June 2023 15:15 (30 minutes)

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: 20

Type: **not specified**

Electronics: korean FEEand detectors developments

Wednesday, 28 June 2023 14:15 (30 minutes)

Presenter: KWEON, MinJung (University of Heidelberg)

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: 21

Type: **not specified**

FEE, BC, REBO: the present status and the perspectives

Wednesday, 28 June 2023 14:45 (30 minutes)

Presenter: VALDRE', Simone (Istituto Nazionale di Fisica Nucleare)

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: 22

Type: **not specified**

The recent contacts with FRIB in US

Monday, 26 June 2023 17:05 (10 minutes)

confirmed

Presenter: VERDE, Giuseppe (Istituto Nazionale di Fisica Nucleare)

Session Classification: The new opportunity at FRIB

Contribution ID: 24

Type: **not specified**

A possible organization in phases

Monday, 26 June 2023 18:00 (15 minutes)

a document to be updated together

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: The new opportunity at FRIB

Contribution ID: 25

Type: **not specified**

The participation at the planned exp 2024 and the physics cases at FRIB

Monday, 26 June 2023 17:15 (25 minutes)

confirmed

Presenter: VERDE, Giuseppe (Istituto Nazionale di Fisica Nucleare)

Session Classification: The new opportunity at FRIB

Contribution ID: 26

Type: **not specified**

FRIB opportunity: the korean perspective in view of the RAON plans

Monday, 26 June 2023 17:40 (20 minutes)

confirmed

Presenter: HONG, Byungsik

Session Classification: The new opportunity at FRIB

Contribution ID: 27

Type: **not specified**

Thin silicon epitaxial detectors for FAZIA applications.

Wednesday, 28 June 2023 11:55 (30 minutes)

Presenter: Mr KORDYASZ, Andrzej (Warsaw University)

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: 28

Type: **not specified**

INDRA at high energy: the GSI data legacy

Tuesday, 27 June 2023 09:30 (30 minutes)

Presenter: FABLE, Quentin (L2I Toulouse, CNRS/IN2P3, UT3)

Session Classification: FRIB opportunity: physics cases and some decisions

Contribution ID: 29

Type: **not specified**

Analysing high E data from INDRA to FRIB

Tuesday, 27 June 2023 10:00 (20 minutes)

Presenters: CHBIHI, Abdou (GANIL); FABLE, Quentin (L2I Toulouse, CNRS/IN2P3, UT3)

Session Classification: FRIB opportunity: physics cases and some decisions

Contribution ID: **30**

Type: **not specified**

Executive Summary for FRIB activity

Tuesday, 27 June 2023 10:40 (20 minutes)

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: FRIB opportunity: physics cases and some decisions

Contribution ID: 31

Type: **not specified**

The recent advancements in the upgrade activities of the FAZIA detector

Tuesday, 27 June 2023 11:40 (30 minutes)

Presenter: KWEON, MinJung (University of Heidelberg)

Contribution ID: **32**

Type: **not specified**

FAZIA chip development

Tuesday, 27 June 2023 11:20 (20 minutes)

Presenter: Mr KIM, Giyoung (Korea University, South Korea)

Contribution ID: 33

Type: **not specified**

FAZIA data: finalizing analysis Ca+X reactions between 25 and 40 MeV/u

Tuesday, 27 June 2023 16:55 (25 minutes)

Presenter: Mr UPADHYAYA, Sahil (Krakow University)

Contribution ID: **34**

Type: **not specified**

First discussion toward some decision

Monday, 26 June 2023 18:15 (15 minutes)

Session Classification: The new opportunity at FRIB

Contribution ID: 35

Type: **not specified**

Isospin Systematics from recent FAZIA analyses

Wednesday, 28 June 2023 10:00 (20 minutes)

Presenter: PIANTELLI, Silvia (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 36

Type: **not specified**

Review of modern reaction models in the framework of TMEP initiative

Tuesday, 27 June 2023 10:20 (20 minutes)

from remote

Presenter: COLONNA, Maria (Istituto Nazionale di Fisica Nucleare)

Session Classification: FRIB opportunity: physics cases and some decisions

Contribution ID: 37

Type: **not specified**

Physics cases and usage for thin silicon detectors

Wednesday, 28 June 2023 12:25 (35 minutes)

Round TABLE

Can (LE beam) first- experiments at Raon be a good opportunity to test Telescope 30-500-CsI?
Or at Legnaro in Italy?

Session Classification: Fazia Activity: DETECTORS, ELECTRONICS and INTEGRATION

Contribution ID: **38**

Type: **not specified**

Internal life, rules and organization

Thursday, 29 June 2023 11:30 (1h 29m)

physics outcomes

papers and internal publication rules

conferences 2023: who and where. Rules

Management: spokesperson elections

Workpackages: verify and modify the themes and the participants

Session Classification: Fazia organization: rules, outcomes, management, workpackages

Contribution ID: 39

Type: **not specified**

closed Session: FPMB

Thursday, 29 June 2023 09:00 (1 hour)

Session Classification: Coming to final decisions

Contribution ID: 40

Type: **not specified**

The new Rutherford Monitor

Wednesday, 28 June 2023 16:40 (20 minutes)

Presenter: LE NEINDRE, Nicolas (LPC Caen, CNRS-in2p3, Université de Caen)

Session Classification: Fazia and Indra: perspectives and decision for the next PAC

Contribution ID: 41

Type: **not specified**

INDRA: detectors and mechanics

Wednesday, 28 June 2023 17:00 (30 minutes)

status of the Si- detectors, need of ChIO, new electronics,

Presenter: LE NEINDRE, Nicolas (LPC Caen, CNRS-in2p3, Université de Caen)

Session Classification: Fazia and Indra: perspectives and decision for the next PAC

Contribution ID: 42

Type: **not specified**

maintenance and operation on the FAZIA and INDRA arrays

Wednesday, 28 June 2023 17:30 (25 minutes)

Conclusions about PAC proposals, interventions and operations on both INDRA and FAZIA for the next future

Session Classification: Fazia and Indra: perspectives and decision for the next PAC

Contribution ID: 44

Type: **not specified**

Summary of the FaziaDAYS

Thursday, 29 June 2023 10:00 (1 hour)

general view of this meeting
how to improve
next event in 2024

Session Classification: Coming to final decisions

Contribution ID: 45

Type: **not specified**

An idea with Oxygen beams at 15AMeV

Wednesday, 28 June 2023 16:25 (15 minutes)

Presenter: CHBIHI, Abdou (GANIL)

Session Classification: Fazia and Indra: perspectives and decision for the next PAC

Contribution ID: 46

Type: **not specified**

Dynamical nucleon-nucleon clusterization and in-medium cross section by means of Bayesian Inference

Monday, 26 June 2023 15:10 (20 minutes)

Presenter: CAMAIANI, Alberto (Istituto Nazionale di Fisica Nucleare)

Session Classification: From next to mid-term programs

Contribution ID: 47

Type: **not specified**

Deepening the QP break-up investigation with Zn+X collisions

Monday, 26 June 2023 14:55 (15 minutes)

Presenter: CIAMPI, Caterina

Session Classification: From next to mid-term programs

Contribution ID: 48

Type: **not specified**

Ternary breakup in reverse kinematics

Monday, 26 June 2023 15:30 (15 minutes)

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Session Classification: From next to mid-term programs

Contribution ID: 49

Type: **not specified**

The test approved at CNAO

Tuesday, 27 June 2023 17:20 (20 minutes)

Presenter: Mr CASINI, Giovanni (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 50

Type: **not specified**

GANIL PAC

Monday, 26 June 2023 14:50 (5 minutes)

news, opportunities, introduction

Presenter: LE NEINDRE, Nicolas (LPC Caen, CNRS-in2p3, Université de Caen)

Session Classification: From next to mid-term programs