



## Summary of FPMB meeting

Diego Gruyer and Sandro Barlini



FPMB

## FAZIA project management board

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→ Silvia Piantelli, INFN Sezione di Firenze, Sesto Fiorentino, Italy

→ Katarzyna Mazurek, Institute of Nuclear Physics PAN, Kraków, Poland

Josè Dueñas, University of Huelva, Spain

Byungsik Hong, Department of Physics, Korea University & CENuM

## Agenda

- Brief recap of the new structure of Task Group introduced and (now)
- Discussion about the publication rules of the FAZIA collaboration (tomorrow)
- Brief recall by Giovanni about the current situation of the detectors (slides)
- Brief recall by Simone about the current situation of the electronics (slides)
- Discussion on new steps towards FAZIA@FRIB (now)



# Roles



## Spokespersons

FAZIA spokespersons are in charge of the scientific life of the collaboration including the coordination of experiment proposals, data analysis, organization of collaboration meetings, conferences and publication committees. They are also in charge of coordinating the discussions about the future scientific and technological orientation of the collaboration.

## Technical coordinators

Technical coordinators are in charge of coordinating the maintenance of existing FAZIA detectors, production of new blocks, and integration in the various experimental sites.

## Task Group conveners

The TG conveners coordinates the task group activities involving all or part of the collaboration. They will send a report of the Task Group activities before each FPMB meeting and give a short presentation during the following FAZIA days.



# Task Groups

## TG1 - Electronics, DACQ and control

Updates and improves the current data acquisition system; provides coupling with other devices; takes care of the slow control system; oversees the design and the development of possible new DACQ system to be used in new facilities. The TG1 is involved in both old and new acquisition systems; it works to ensure back-compatibility with the old electronic cards and takes care of the integration in any site where the collaboration perform experiments.

→ Simone Valdrè & Jeonghyeok Park Not much changes

## TG2 – Detector and instrumentation

Develops and oversees the detector construction; maintains the various parts of FAZIA (detectors, electronics, mechanics...); improves the global set-up reliability; prepares the experiments in various facilities worldwide ensuring the good coupling of existing detectors with new or existing ones; oversees the design and the development of possible new detectors to be used in new facilities.

→ Giovanni Casini & Nicolas Le Neindre



### TG3 – Analysis and simulation

Coordinates the data reduction (calibration/identification); updates the continuous data improvement; organizes regular specific analysis meetings in coordination with the experiment spoke-persons; manages the KaliVeda software (database, filter, simulations...); performs simulations related to the interpretation of experimental data. TG3 manages the database of all FAZIA and INDRA-FAZIA experiments and makes all experimental and simulated data available to the collaboration members.

→ John Frankland & Silvia Piantelli

## TG4 – Physics case and collaborative synergies

Follows the scientific activities in various facilities worldwide and informs regularly the collaboration; keeps contacts with relevant laboratories; proposes possible developments regarding the future beams and general equipment in those facilities (e.g. RAON, FRIB, FRAISE, FAIR, SPES, GANIL...); coordinates the preparation of proposals/Lols for the various PACs, including simulations and model calculations; keeps connection with theoreticians; promotes and stimulates collaborations. This group is in close connection with TG3 concerning the experimental program at GANIL with the INDRA and FAZIA coupled devices, preparing PAC proposals and Lols. Future programs and partnerships with other collaborations are also discussed in the TG4. TG4 conveners also in charge of organizing working groups related to specific facilities. The possible nascent proposals are then evaluated by the FPMB.

→ Giuseppe Verde & Alberto Camaiani

## TG5 – Open data and communication

Produces and updates the collaboration Data Management Plan; ensure that FAZIA articles are uploaded to open data platforms (HEP-Data); works towards open access of the FAZIA database; takes care of the collaboration website and communications.

→ Maxime Henri & Katarzyna Mazurek



# FAZIA@FRIB

→ FPMB agreed that TG4 conveners coordinate the preparation of a Lol for FRIB using FAZIA detectors and organise a dedicated meeting to discuss it during 2026.