

Minutes of the GUEC meeting held on April 24th 2023 (Zoom)

Participants:

GANIL Directorate: Patricia Chomaz (director), Fanny Farget (deputy director).

GUEC: Beatriz Fernandez Dominguez (chair), Franco Galtarossa, Michal Ciemala, Hervé Savajols (local detectors), Iolanda Matea (travelling detectors), José Lay (theory), John Frankland (secretary)

Absent: Marika Schleberger (interdisciplinary)

Agenda:

1. Preparation of next Scientific Council: discussion of possible topics
 2. Actions to improve communication with GANIL users
 3. Web site: information on beam developments
 4. Organization campaigns or needs from collaboration: active action from travelling detectors representatives
 5. Creation of a Young researchers group working at GANIL
 6. AOB: colloque GANIL etc.
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1. Discussion of possible topics for next GANIL Scientific Council

A broad and wide-ranging discussion of potential subjects for the next SC took place between the GUEC members and the Directors.

- The Directors underline that they would like the GUEC to be a force for proposition of the subjects to be addressed at each Scientific Council.

Potential subjects which were evoked in the discussion included:

- construction of a 2nd arm for FALSTAFF
 - commissioning of the 1st arm has been successful, now funding is being sought for the construction of the foreseen 2nd arm. The Directors informed the GUEC that currently 30% of the funding is to be provided by IRFU. Possible sources for the other 70% are a grant from Normandie Région (application already submitted) or an ANR. The Direction also indicates that GANIL could also contribute if the SC positively evaluated the project, and if the GANIL physics group agreed.
- Glove box for handling actinide targets – initially mentioned in the context of FALSTAFF, the glove box is in fact a technical project, and therefore not for consideration by the SC.
- Upgrade of cyclotron ion sources → x5 increase of beam intensity
 - See presentation by Bertrand Jacquot at GCM 2022 for details (https://gcm2022.sciencesconf.org/data/pages/03_GCM22_I2_PHOENIX_2.ppt) . For such a project to become a reality, it would be desirable that the GUEC play its part by centralising input on physics cases for such increased intensities from the community.
- More generally, the GUEC should ask users what they want in terms of beam and/or detector developments. This should be asked to coordinators of the different instruments, and the different collaborations, their requests for developments to be discussed at the next SC. Explore potential synergies with the current NuPECC Long Range Plan meetings?
- Possible target developments were also addressed, under several different angles:
 - facilitating the authorization of the use of certain “sensitive” targets such as tritium, which would open new possibilities (e.g. (t,p) reaction studies).

- Use of large, bulky target apparatus such as e.g. cryogenic targets
 - HS recalls that a long-standing project for a gas cell target for multi-nucleon transfer which is part of the 'Mission Spiro' and the NEWGAIN white paper is currently in limbo due to lack of a scientific coordinator/project leader.
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2. Improving communication (& 3. Info on beam developments)

The GUEC reminds the Directors of its request at the previous meeting for more and better communication on the GANIL website concerning the status of ongoing beam developments: still no news on that front!

The GUEC suggests the creation of a GANIL newsletter which could be sent via the portal every 3 or 6 months to inform the community of the latest developments and news from GANIL, including beam development. The Directors view this proposal positively, but indicate that some technical updates to the portal would first be necessary in order to allow the distribution of anything other than a plain e-mail.

Another suggestion from the GUEC concerning the visibility of GANIL would be to broadcast (presumably by Zoom) at least some of the research seminars which take place at GANIL, as is done by numerous other laboratories.

5. Creation of a Young Researchers Group

The GANIL Directors presented some statistics concerning the number of ongoing Ph.D theses using data from GANIL (including interdisciplinary): it is surprisingly (and encouragingly) high, around 80. Following one of the propositions in the NuPECC LRP to include more 'early career researchers' in decision-making committees, the Directors propose to add a representative of doctoral and post-doctoral researchers in the GUEC. The practicalities of such a move were then discussed, including whether it would be necessary to have 2 representatives, one for Ph.Ds and the other for post-docs, and how to handle the fact that the GUEC is elected/nominated for 4 years whereas Ph.Ds and post-docs obviously have a shorter fixed-term duration. This proposition should be matured and discussed at the next Colloque GANIL.

6. AOB – Colloque GANIL and next meeting

At the colloque GANIL in September, there should normally be a session devoted to the GUEC and interaction with the community. For organizational purposes, it would be better that the session be either at the beginning or at the end of the week, and that the day in question be communicated at the earliest possible convenience to the GUEC members: the GUEC Chair is part of the organizing committee and will take charge of this.

To find a date for the next meeting (in principle around the end of June), the GUEC Chair will organize a Doodle.

Updated actions of February 2023: Done Further info

ACTIO N	WHAT	WHO	DEADLINE
A.1	Begin planning for GCM2024, possibly with new format	GUEC	Colloque GANIL (September 2023)
A. 2	Send draft call for PhD prize to GUEC for discussion	GAN.DIR	Before 15 th March (date of call)
A. 3	Send draft call for Visiting Scientist programme (including non-nuclear physicists) to GUEC for discussion	GAN.DIR	Before end of June (date of call)
A. 4	Configure the generic email address ' guec@ganil.fr ' to forward users' e-mail to the GUEC members' e-mail - mail sent to ' guec@ganil.fr ' is currently received by the GUEC Secretary (only?). Is this satisfactory?	GUEC.SEC	1 st March 2023
A. 5	Fix dates for next GUEC meeting in/around April 2023	GUEC.CH AIR/ GUEC.SEC	15 th March 2023 ?
A. 6	Conduct survey of users/collaborations' requests for beam/detector/target developments in order to prepare discussion at next SC	GUEC	?
A. 7	Begin sending a GANIL newsletter to users every 3 or 6 months with a summary of the latest events/developments, more details on website	GAN.DIR	?
A. 8	Begin broadcasting GANIL seminars via Zoom?	GAN.DIR → GANIL Physics Group (GAR)	?
A. 9	Prepare the addition of 1 or 2 "young researchers" to the GUEC to represent Ph.D & Post-doc	GUEC	Colloque GANIL (September 2023)
A. 10	When (which day) is the GUEC session at the Colloque GANIL?	GUEC.CH AIR	ASAP
A. 11	Organize Doodle for next GUEC meeting	GUEC.CH AIR	ASAP