IDEAAL
EU HORIZON 2020 contract & the GANIL User Group organisation

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"**IDEAAL**" **I**nternational **D**evelopment of g**A**nil-spir**AL**2 H2020 Project

INFRADEV-03-2016-2017: Individual support to ESFRI and other world-class research infrastructures: Call - Development and long-term sustainability of new pan-European research infrastructures

Partners: GANIL - coordinating institution (Coordinator Marek Lewitowicz, Deputy Coordinator Ketel Turzo), DRF/CEA-France, IN2P3/CNRS-France, GSI/FAIR-Germany, IFJ Kraków-Poland, Nucléopolis-France

EU contribution: **3,88 M€**

    2,25 M€ for GANIL - *including 80k€ for this Colloque*

Project duration: **36 months**

Beginning of the EU contract: **1/01/2017**

Web site: https://ideaal.ganil-spiral2.eu

Objectives of the project (1/2)

Explore all possibilities to develop GANIL infrastructure, with its new ESFRI SPIRAL2 facility, in order to ensure its **long-term sustainability** as one of the premiere European research institutes for nuclear physics, interdisciplinary sciences and related applications.

1. **Enlarge the present GANIL membership** to include academic institutions and private funding partners. This enlargement goes hand-in-hand with a reinforcement of the involvement of the current and future members and academic users of GANIL-SPIRAL2 in the decision-making process and management of the facility.

2.   **Excellence of access to the infrastructure** by optimizing support to the users, access policy, assessment on the cost of access to the facilities and to data, improvement of the performance capabilities as well as exchange and training of personnel with associated partners.

3.   **Innovation:** attract industrial users to GANIL-SPIRAL2. Identify new ideas and topics for technology transfer.

4.   **Strong communication and outreach policy** towards members and funding partners, users and the layman.

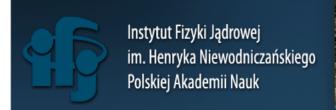## WP2: International coordination & new partners (Leader: CNRS & CEA)

Task 2.1: Enlargement of membership towards academics and involvement of institutional funders – CEA, CNRS

Task 2.2: Private sponsors and banks – GANIL/CEA

Task 2.3: In-kind contributions – GSI

Task 2.4: **Involvement of academic users – representatives of large collaborations in User Board – IFJ PAN**

WP2 - Task 4

Involvement of academic users – representatives of large collaborations in User Board

Task leader: IFJ PAN

Involved partners: GANIL, CEA, CNRS

IFJ PAN team: Bogdan Fornal, Adam Maj, Katarzyna Mazurek et al.

This task is dedicated to users' involvement in the GANIL organisation and development

- Since the beginning of the operation of GANIL, its academic users have been organised primarily in "ad-hoc" international collaborations. Experiments proposed by these collaborations are selected according to scientific excellence and feasibility by GANIL PAC.
- With the development of GANIL towards an international infrastructure, it is important to further involve users and collaborations in charge of the detection systems in its organisational structure.
- Users and collaborations have to take part in the GANIL evolution and governance structure.
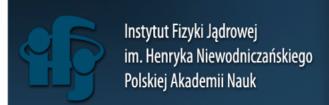
Goals

- The team in charge of Task 4 will study how to settle and formalise this involvement taking into account the existing organisational structure of GANIL and collaborations in charge of detection systems.
- The Task 4 team will take advantage of examples in other international infrastructure (e.g. NUSTAR@FAIR, ICC@SPIRAL2, GUB@GANIL, ...) in order to enrich this study.
- The process of the involvement of users in an organizational structure which will integrate the different groups and detector collaborations; will continuously improve the scientific program for GANIL-SPIRAL2, and will create the possibility to influence the management policy on the science being conducted.

Planned steps to achieve the goals:

- Identification of all collaborations planning to carry out their research at GANIL-SPIRAL2
- Organization of a kick-off meeting of the GANIL-SPIRAL2 User Group
- Creation of a data base which includes information on all collaborative research groups, their members and all of the equipment at GANIL-SPIRAL2
- Creation of a discussion forum regarding all activities related to research at GANIL-SPIRAL2
- Working out a structure of the General GANIL-SPIRAL2 Group (central body, election system, form of representation in the GANIL management,....)
- Organization of working meetings gathering the representatives of the General GANIL-SPIRAL2 Group

Deliverable:

D2.4: Report on new organisation involving users (month 30 = June 2019)

Milestones:

MS4: Kick-off meeting of the General GANIL-SPIRAL2 Collaboration (month 12) = Colloque

MS5: Database on research groups and equipment of GANILSPIRAL2 (month 18)

Budget of WP2 Task 4

N° WP	Institution	Task	Requested EU Contribution/ €	Direct personnel costs /€	Other direct costs /€	Indirect Costs/ €
WP2	**Total IFJ PAN**	**T 4**	**282 500**	80 000	146 000	56 500

WP1: Management (Leader: GANIL- BCS)

WP2: International coordination & new partners
(Leader: CNRS & CEA)

WP3: Excellence of access to infrastructure
(Leader: GANIL-SG)

WP4: Innovation and industries
(Leader: GANIL-Innovation Officer)

WP5: Communication and outreach
(Leader: GANIL CO)

WP3: Excellence of access to infrastructure (Leader: GANIL-SG)

Task 3.1: Definition of access policies for researchers, organization of the logistic support for researchers, and management of IPRs and ethical issues - GANIL (SG)

Task 3.2: Assessment of the costs for serving the users - GANIL (SG)

Task 3.3: Data management - GANIL (STP)

Task 3.4: How to improve efficiency: study of GANIL performance capabilities (technical and administrative procedures) - GANIL (Direction)

Task 3.5: Organization of personnel exchange and training - GANIL (SG)

WP4: Innovation and industries (Leader: GANIL-Innovation Officer)

Task 4.1: Limited pilots of access provision to research teams from industries and involvement of industrial users - GANIL (IO)

Task 4.2: Industrial applications and technology transfer - Nucléopolis

Task 4.3: Increase of innovation potential - GANIL (IO)

WP5: Communication and outreach (Leader: GANIL CO)

Task 5.1: Towards members and funding partners - GANIL (CO)

Task 5.2: Towards users (academics and industries) - GANIL (CO)

Task 5.3: Towards the layman - GANIL (CO)

Task 5.4: Towards press - GANIL (CO)