

## Future of GANIL –SPIRAL 2 as a radioactive ion beam facility

In this contribution, the nuclear physics community presents conceptual ideas for the evolution of GANIL. Given the time needed to bring such ideas to fruition –typically 10-15 years –it is clear that the work towards a future upgrade or new facility needs to begin soon. Two scenarios are outlined in the following. While the studies of each are at a very preliminary stage we believe each of them has the potential to provide GANIL with unique capabilities and a long term future in an international context.

**Auteurs principaux:** Dr ACKERMANN, Dieter (GANIL); ANGOT, JULIEN (LPSC / CNRS); ASCHER, Pauline (CENBG); ASSIÉ, Marlène (IPNO); BEAUMEL, Didier (IPN Orsay); BLANK, Bertram (CEN Bordeaux-Grradignan); BLUMENFELD, Yorick (IPNO); BOUGAULT, Rémi (LPC Caen); CACERES, Lucia (CEA-GANIL); Dr CASINI, Giovanni (INFN Firenze); CHBIHI, Abdou (GANIL); CHEIKH MHAMED, Maher (IPN Orsay); CLEMENT, Emmanuel (CNRS GANIL); DE FRANCE, Gilles (GANIL/IN2P3/CNRS); DE OLIVEIRA, François (GANIL); DELAHAYE, Pierre (GANIL); Prof. DORVAUX, Olivier (IPHC-DRS/University of Strasbourg); DROUART, Antoine (CEA); DUBOIS, Mickaël (GANIL); DUCHENE, Gilbert (IPHC - CNRS - UNISTRA); DUCRET, Jean-Eric (CEA/DSM/IRFU/Service de Physique Nucléaire); ESTIENNE, Magali (IPHC - CNRS/IN2P3); FALLOT, Muriel (Université de Nantes); FLAVIGNY, Freddy (LPC Caen); FRANBERG DELAHAYE, Hanna (GANIL); GALL, Benoît (IPHC Strasbourg); GILLIBERT, Alain (CEA Saclay, IRFU/SPhN); Dr GRÉVY, Stéphane (CENBG); GULMINELLI, Francesca (LPC/Ensicaen); HARAKEH, Muhsin N. (GSI/KVI); IBRAHIM, Fadi (IPN Orsay); JARDIN, Pascal (CNRS/GANIL); KORICHI, Amel (CSNS-M-IN2P3/CNRS); LE NEINDRE, Nicolas (Normandie Univ, ENSICAEN, UNICAEN, CNRS/IN2P3, LPC Caen, 14000 Caen, France); LE BLANC, François (Institut de Physique Nucléaire); LECESNE, Nathalie (GANIL); LEWITOWICZ, Marek (GANIL); LIÉNARD, Etienne (LPC Caen); LUNNEY, David (CNRS/IN2P3); Dr MACCORMICK, Marion (CNRS-IJCLab); MANEA, Vladimir (IKS, KU Leuven, Belgium); Dr MATTA, Adrien (LPC Caen, CNRS-IN2P3); MATEA, Iolanda (IPN Orsay); MAUNOURY, Laurent (CNRS GANIL); Dr MINAYA RAMIREZ, Enrique (IJCLab); OBERTELLI, Alexandre (TUD IKP); ORR, Nigel (LPC-Caen); PERROT, Luc (IJCLAB - Laboratoire de Physique des 2 Infinis Irène Joliot-Curie); PIOT, Julien (GANIL); PORTA, Amanda (Subatech); SAVAJOLS, Hervé (GANIL); SERANI, Laurent (CNRS/UMR5797); Dr STEFAN, Iulian (IJCLab); STODEL, Christelle (GANIL); THUILLIER, Thomas (CNRS/UMR5821); VANDEBROUCK, Marine (CEA Saclay DPhN); VERNEY, David (IPN Orsay); Prof. VIENT, Emmanuel (LPC Caen - Université de Caen)

**Classification de Session:** Contribution to the future of GANIL