

Physics opportunities with the SPIRAL upgrade



lundi 8 février 2016 - mercredi 10 février 2016

Programme Scientifique

As the technical developments of the SPIRAL 1 upgrade are now making rapid progresses, we would like to discuss the physics cases of interest for the startup of the facility, which is scheduled beginning of 2017, and immediately after. A number of experiments have already been discussed at different meetings (Lols in 2010 evaluated by the PAC, in 2013 for AGATA, and ideas of experiments at the DESIR workshop in 2014) and would have to be re-examined and possibly updated in the light of the upcoming commissioning.

New ideas are of course encouraged, including experiments at longer term (2018 -...) using for example new targets or fusion evaporation reactions, at DESIR or elsewhere. The ISOL beam R&D beyond the startup version of the SPIRAL 1 upgrade has already been initiated. Such R&D is requiring input for defining guidelines and priorities in the upcoming years.

In order to prepare the workshop, **an updated list of radioactive ion beam intensities can be found on the web site.**

Please note that the Lols for AGATA making use of the SPIRAL 1 beams will be presented in a dedicated session making the link to the AGATA workshop. AGATA Lols have to be sent to Silvia Lenzi (silvia.lenzi@pd.infn.it) and Emmanuel Clément (emmanuel.clement@ganil.fr) before 18th of January. See <https://indico.in2p3.fr/event/12274/> for registration to the AGATA workshop.

If you want to present an idea of experiment **without AGATA** please send a short abstract to the indico web site.