



## **FUSTIPEN Topical Meeting**

«Fission at FUSTIPEN II: recent observables and their modeling»

May 3-4, 2016, GANIL, Caen, France

### **First circular**

In the last 20 years, important progress has been brought about in the experimental observables revealing the fission properties. In particular, new experimental techniques, in part based on the inverse kinematics, allow measuring over a large number of fissioning nuclei, the proton and neutron fragment distributions at scission, as the total kinetic energy properties of the fragments.

On the other hand, the intensive use of the surrogate method for the determination of the fission cross section reveals unexpected behavior of the compound nucleus with respect to its fission-decay channel, seeming to be independent of the angular momentum. These new generation observables form a very challenging set of data to benchmark the theoretical calculations.

The goal of the FUSTIPEN topical meeting on “Fission at FUSTIPEN II: recent observables and their modeling” is to bring together a diversity of researchers, both theorists and experimentalists, to discuss some of the recent advances on the fission process and in particular the fission fragment description, the fission barriers and the fission probability. The workshop will include talks on recent theoretical developments in the field and on related experimental studies.

Besides a series of relatively-short daily talks centered on a theme, there will be adequate Q&A time after talks and during a daily "wrap-up" discussion session.

We would like to keep the format of the meeting informal and invite those participants who believe they can contribute to the discussion to contact us at [fustipen@ganil.fr](mailto:fustipen@ganil.fr).

At present the list of speakers include:

G. Bertsch (Univ. of Washington), F. Farget (GANIL), M. Caamaño (Univ. of Santiago), B. Jurado (CENBG), D. Lacroix (IPNO Orsay), Y. Tanimura (IPNO Orsay)

The list of speakers is still open and will be given in the second circular. If you wish to give a contribution on the subject, please contact the organisers. The program of the meeting will be announced in the Second Circular.

To register for the meeting, please fill in the registration form. We are asking even those holding a GANIL badge to register so that an accurate count can be obtained for the coffee breaks.

There is no registration fee. U.S. scientists can apply for FUSTIPEN award to participate in this program. A French FUSTIPEN grant can provide local support for French-based physicists interested in the topic of the meeting.

The information to reach GANIL can be obtained at the address:  
[http://fustipen.ganil.fr/practical/Practical\\_info.pdf](http://fustipen.ganil.fr/practical/Practical_info.pdf)

If you have any question concerning your arrival and stay in Caen, or your participation in the meeting, please do not hesitate to contact us at [fustipen@ganil.fr](mailto:fustipen@ganil.fr).

George Bertsch (University of Washington)  
Fanny Farget (GANIL)