FUSTIPEN Topical Meeting

«Future directions for nuclear structure and reaction theories:
Ab initio approaches for 2020»

March 14-18, 2016, GANIL, Caen, France

Second circular

Progress in microscopic approaches for solving the nuclear many-body problem for nuclear structure and reactions has been rapid in the last ten years with advances in computer software and hardware for solving huge dimensional systems to new theoretical approaches, such as the In-Medium SRG, nuclear structure calculated on a lattice and new developments in Density Functional Theory beyond the Skyrme interaction. Which of these approaches will thrive and make great progress in our understanding of nuclear structure and reactions and which ones will not stand the test of time and fade away? And, of more immediate interest, can any of these new techniques incorporate three-nucleon forces in a simple and straightforward manner? These and similar topics will be probed during this workshop.

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.

The meeting is scheduled to start at 9:15 on Monday, March 14 and to finish around 13:00 on Friday, March 18. The session will take place in the guesthouse (maison d'hotes) of GANIL.

Upon arrival at GANIL, you are requested first to contact the guardian at the entrance of GANIL and then proceed to the GANIL guesthouse for the registration. Personal laptops will be able to connect to the wireless network.

The information to reach GANIL can be obtained at the address:
http://fustipen.ganil.fr/conferences/practical-information-to-reach-ganil/view

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