

## **International Workshop on Nuclear Science and Simulation in fundamental and applied researches (IWNSS-2014)**

*(Focus on Theoretical nuclear physics, Simulation in nuclear science, Medical physics Applications)*

**Ton Duc Thang University, 31 Oct. - 1 Nov., 2014**

Dear colleagues,

On behalf of the Organizing Committee, we are pleased to announce and invite you to the International Workshop on **Nuclear Science and Simulation in fundamental and applied researches (IWNSS-2014)**, which will take place **from Oct. 31<sup>th</sup>, 2014 to Nov. 01<sup>st</sup>, 2014** and is hosted by **Ton Duc Thang University**, Ho Chi Minh City, Vietnam.

The workshop aims at discussing the various theoretical and simulation tools in use in fundamental and applied nuclear sciences. The emphasis will be placed, in particular, on the description of the structure, excitation modes and reactions of atomic nuclei at low and moderate energies as well as on the various simulation approaches to the interaction of radiations with matter.

It will therefore focus on:

- **Theoretical nuclear physics**  
Presenters are requested to pay attention to the description of methods, both theoretical and numerical, with their limits as well as the validity of their assumptions and so on.
- **Simulation in nuclear science**  
Presenters are requested to pay attention to the description of detector simulation, data analysis, their limits as well as the validity of their assumptions and so on. Simulation approaches in the bio-medical and nuclear energy domains are also welcome.
- **Medical physics and applications**

The deadline for the online registration and abstract submission is **15 September 2014**.

The details of the online registration and abstract submission are given at the workshop's website at: <http://iwnss.tdt.edu.vn/>

Please feel free to contact our secretariat at the email: [iwnss@tdt.edu.vn](mailto:iwnss@tdt.edu.vn) or [tranngochoang@tdt.edu.vn](mailto:tranngochoang@tdt.edu.vn) for any inquiry.

We look forward to welcoming you at the IWNSS-2014 and to hearing about your research. Kindly circulate this information among your colleagues that might be interested to participate in the IWNSS-2014.

Yours sincerely,

IWNSS Organizing Committee