

XIX VIETNAM SCHOOL OF PHYSICS (VSOP-19)

RENCONTRES
DU VIETNAM
Orsay, France

SCHOOL ON THEORETICAL AND COMPUTATIONAL CONDENSED MATTER PHYSICS

Quy Nhon, August 3rd -18th, 2013



The Vietnam school of Physics (VSOP) was organized by Rencontres du Vietnam (RdV) in 1994 with the aim to invite the overseas physicists from advanced research centers to participate in the training of young physicists of Vietnam and neighbouring Asian countries. Having started first time in Dalat, subsequently VSOP was co-organized by the Institute of Physics, Vietnam Academy of Science and Technology (IOP-VAST) every year in different places through out Vietnam. During almost twenty years VSOP always received the precious support of the Abdus Salam International Center for Theoretical Physics (ICTP) in Trieste. Since the year 2004 VSOP became also a regular External Activity of Asia Pacific Center for Theoretical Physics (APCTP) in Pohang.

This year 2013, on the occasion of the Opening Ceremony of the International Center for Interdisciplinary Science and Education (ICISE) in Quy Nhon city, the 19th VSOP will be held in Quy Nhon in the time period August 3rd-18th. Its scientific topic is **Theoretical and Computational Condensed Matter Physics**.

The Organizers of VSOP cordially invite the young physicists from Vietnam and neighbouring countries to attend. There is no registration fee. A limited number of grants covering the local expenses (hotel and meals) and partial travel expenses is available. A request for financial support should be done in the registration form.

Topics

The 19 VSOP will be focusing on the following topics in the fields of Theoretical and Computational Condensed Matter and Materials Physics:

- *Nano meso physics*
- *Theory and modeling of materials*

Lectures:

- **Mukunda Das** (*Physics at the Nanoscale: Geometrical and Electronic Structures and Electronic Transport*)
- **Tadashi Itoh** (*Introduction to Nanoscience Design*)
- **Nguyen Van Hieu** (*Plasmonic Enhancement Effect of Metallic Spherical Nanoparticles*)
- **Tadaaki Nagao** (*Electron and Optical Spectroscopies of Surface Plasmons*)
- **Vu Dinh Lam** (*Introduction to Metamaterials*)
- **Nguyen Van Lien** (*Two Dimensions Physics*)
- **Thierry Martin** (*Introduction to mesoscopic physics*)
- **Gill Motambaux** (*Introduction to Graphene Physics*)
- **Do Van Nam** (*Introduction of Semiconductor Device Physics*)
- **Ngo Van Thanh** (*Monte Carlo Simulations: Application to Lattice Models*)
- **Nguyen Huy Viet** (*Introduction to Density Functional Theory and its Applications in Materials Modeling*)

Directors:

- **Nguyen Dai Hung** (IOP - VAST, Hanoi, Vietnam)
- **Nguyen Hong Quang** (VAST, Hanoi, Vietnam)
- **Hoang Anh Tuan** (IOP - VAST, Hanoi, Vietnam)

Presidents

- **Prof. Tran Thanh Van** (RdV, Orsay, France)
- **Prof. Nguyen Van Hieu** (VAST, Hanoi, Vietnam)

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- T. Martin** (Uni. le Mediterranee, Marseille, France)
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- Do Ngoc My**, Quy Nhon University
- Nguyen Thi Minh Phuong**, Quy Nhon University

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DEADLINE
May 31st 2013

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