



Rencontres du Vietnam – Institute of Physics and Electronics, Hanoi

XII-th VIETNAM SCHOOL OF PHYSICS

Nha trang, 26 December 2005 – 07 January 2006

<http://www.iop.vast.ac.vn/activities/vsop>

ANNOUNCEMENT 1

The **Vietnam School of Physics** (VSOP) is a series of high level international schools of physics organized every year since 1994 in different places in Vietnam by “*Rencontres du Vietnam*”, France, and *Institute of Physics and Electronics* (former Institute of Physics), Vietnam. For eleven years, the VSOP has been attended by about 450 young physicists of Vietnam (about 360) and other countries (90) under tutorship of 85 lecturers from Vietnam (21) and other countries. The schools cover a wide range of fundamental and modern topics of both condensed matter physics, particle physics, astrophysics and cosmology.

Like the previous Vietnam Schools of Physics, the upcoming XII-th School will deal with topics on

Quantum Field Theory and applications to particle physics and condensed matter physics.

This school is partly supported by the APCTP (Pohang, Korea) as an external activity. For two weeks the school program will include lectures and exercise sessions as well as “mini-seminars” sessions where participants are encouraged to present short contributions in their fields of interest (with the help of senior participants). Applicants should have completed a Master's degree (or equivalent) in physics. Preference will be given to young physicists working towards a Ph.D. degree or working at a post-doctoral level. More senior physicists, however, are also welcome to apply.

The school will accept about 40 students, expected to come principally from Vietnam and Asian countries. Some support may be available for participants from developing countries.

REGISTRATION

Please fill out the **REGISTRATION FORM** (which, if not attached, can be found from the school address or website given below) and return it **before 8 November 2005** to

Vietnam School of Physics

Institute of Physics and Electronics
10 Dao Tan, Ba Dinh, Hanoi, Viet Nam

Fax: (84-4) 834 90 50

Tel: (84-4) 766 0221 / 834 7953 / 766 2107

E-mail: vsop@iop.vast.ac.vn

Website: <http://www.iop.vast.ac.vn/activities/vsop>

SPONSORS

- *Rencontres du Vietnam, France.*
- *Centre National de la Recherche Scientifique, France.*
- *Asia-Pacific Center for Theoretical Physics, Pohang, Korea.*
- *The Abdus Salam International Center for Theoretical Physics, Trieste, Italy^(*).*
- *Institute of Physics and Electronics, VAST, Vietnam.*
- *Vietnamese Academy of Science and Technology (VAST), Vietnam.*
- *National Research Program for Natural Sciences (Grant No 410804), Vietnam.*

SCIENTIFIC PROGRAM (tentative)

- **Alain Blanchard** (Toulouse): “*Do we need dark energy ?*”
- **Philippe Dollfus** (Orsay): “*From classical to quantum transport in semiconductor nanodevices*”.
- **Pham Quang Hung** (Virginia): “*Physics beyond the Standard Model and Cosmology: physics of neutrinos, physics of large extra dimensions, dark energy, dark matter, leptogenesis.*”
- **Joo-Von Kim** (Orsay): “*Physics of Magnetoelectronics: nanomagnetism and spin transport*”.
- **Nguyen Anh Ky** (Hanoi): “*Introduction to Supersymmetry and Supergravity*” (and beyond).
- **Meenakshi Narain** (Boston): “*Hadron Collider Physics*” (Exp).
- **Yann-Michel Niquet** (Grenoble): “*Introduction to the study of electronic structures and optical properties of semiconductor nanocrystals*”.

ADVISORY COMMITTEE

- **Nguyen Van Hieu** (Hanoi, Vietnam).
- **S. Randjbar-Daemi** (Trieste, Italy).
- **Jean Tran Thanh Van** (Orsay, France).

ORGANIZING COMMITTEE

In Asia :

- **Pierre Darriulat** (INST, Hanoi)
- **Nguyen Mong Giao** (IPE, HCM city)
- **Nguyen Anh Ky** (IPE, Hanoi)
- **Le Van Hoang** (HCMC UP, HCM city)
- **Nguyen Hong Quang** (IPE, Hanoi)
- **Vo Van Thuan** (INST, Hanoi)
- **A. Ungkitchanukit** (CU, Bangkok)
- **Nguyen Ai Viet** (IPE, Hanoi)

In Europe :

- **Patrick Aurenche** (LAPTH, Annecy, France)
- **Tran Minh Tam** (Lausanne Univ., Lausanne, Switzerland)

SECRETARIAT

- **Doan Hong Minh** (IPE, Hanoi)
- **Vo Thi Xuan Yen** (IPE, Hanoi)

Contact address:

Ms. Doan Hong Minh / Ms. Vo Xuan Yen

VIETNAM SCHOOL OF PHYSICS

Institute of Physics and Electronics

10 Dao Tan, Da Binh, Hanoi, Vietnam

Tel: (84 – 4) 766 2107, 766 0221, 834 7953.

Fax: (84 –4) 834 9050.

Email: vsop@iop.vast.ac.vn

Website: <http://www.iop.vast.ac.vn/activities/vsop>

Abbreviations :

CU: Chulalongkorn University.

IPE: Institute of Physics and Electronics.

INST: Institute for Nuclear Science and Technique.

HCMC UP: Ho Chi Minh city University of Pedagogy.

LAPTH: Laboratoire d'Annecy-Le-Vieux de Physique Théorique.

(*) *Support being applied for.*