

RENCONTRES DU VIETNAM – INSTITUTE OF PHYSICS, HANOI

IX–th VIETNAM SCHOOL OF PHYSICS

(<http://www.iop.ncst.ac.vn/vsop>)

Huê, 30 December 2002 – 10 January 2003

The RENCONTRES DU VIETNAM and the INSTITUTE OF PHYSICS, NCST, Hanoi, with support from the Centre National de la Recherche Scientifique (CNRS), France, and the International Center for Theoretical Physics (ICTP), Trieste, Italy, are organizing the “*Ninth Vietnam School of Physics*” from 30 December 2002 to 10 January 2003. The School will be held in Huê and will be devoted to the study of

QUANTUM FIELD THEORY AND APPLICATIONS TO CONDENSED MATTER AND PARTICLE PHYSICS

The Vietnam School of Physics is part of a series of high level international scientific meetings which have been held, since 1993, in various cities of Vietnam. These meetings cover such topics as Particle and Nuclear Physics, Condensed Matter Physics, Astrophysics, Instrumentation and Advanced Technologies and bring together scientists from South-East Asia and from all over the world.

Like the previous Vietnam Schools of Physics which took place since 1994, the IX–th School will deal with the concepts and methods of Quantum Field Theory and their applications to particle physics and condensed matter physics.

The School takes place over a period of two weeks and includes lectures as well as “exercise sessions” where the concepts introduced in the lectures will be worked out on practical examples. Furthermore, participants will be encouraged to present their field of interest in short contributions prepared with the help of senior participants. Throughout the School special emphasis will be put on pedagogical aspects. 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.

To facilitate the interactions among participants, and especially among “students” and “lecturers”, the attendance is limited to about 40 students, expected to come principally from Vietnam and Asian countries.

Some partial support may be available for participants from South-East Asia.

SCIENTIFIC PROGRAM

The program includes lectures on:

Mechanisms of Symmetry Breaking

by A. Czarnecki, University of Alberta, Edmonton, Canada

Renormalisation Group in Statistical Physics and in Particle Physics

by B. Delamotte, LPTHE, Université de Paris 6/7, France

Fermi Hyper–netted Chain Theory in Condensed Matter.

by S. Fantoni, SISSA, Trieste, Italy

Mean - field Theory of Coexistence and Competition between Spontaneous Magnetization and Superconductivity in t-J Model.

by Nguyen Van Hieu, NCST, Hanoi, Vietnam

Latest Results in Experimental Particle Physics

by B. Klima, Fermilab, Batavia, Illinois, USA

**An introduction to transport properties in nano-structures:
Green function method**

by Nguyen Van Lien, Institute of Physics, Hanoi, Vietnam

Symmetry and Broken Symmetry in Physics

by R. Mosseri, GPS, Université de Paris 6/7, France

REGISTRATION

Please fill out the attached **registration and visa forms** and return them before **10 November 2002** (either via post or by e-mail, or by fax) to:

**School of Physics
National Institute of Physics,
P.O. Box 429, Bo-Ho,
Hanoi 10 000, Vietnam**

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

Fax : (84-4) 834 90 50

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

Web : <http://www.iop.ncst.ac.vn/vsop>

ADVISORY COMMITTEE

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Tran Thanh Van (Université de Paris-Sud, Orsay, France)

ORGANIZING COMMITTEE

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Huê, 30 December 2002 – 10 January 2003

Full Name:

Date of birth:

Male/Female

Highest Univ. title , and date :

Academic position:

Professional address :

.....

..... E-mail :

Phone : Fax :

Private address (if necessary):

.....

Mailing address (please, underline an appropriate address): **professional** / **private**:

Details of physics education (this is used by the organisers to better target the level of courses): underline the relevant items and/or add relevant elements

- Quantum Field Theory
- Mathematical Physics
- Condensed Matter Physics
- Particle Physics
- Statistical Physics
- General Relativity and Gravitation

Professional activities (please, use additional pages if necessary):

- Research subject
 - Teaching activities
 - If you have publications, please list those you consider most relevant
-
-

Proficiency in English : excellent good fair poor

Senior Scientist recommending the participant :	
Full Name :	Position:
<i>E-mail</i> :	<i>Phone</i> :
General opinion :	
.....	
.....	
.....	

Please return the completed form before 10 November 2002 (by post, or e-mail, or fax) to:
School of Physics, Institute of Physics, P.O. Box 429, Bo Ho, Hanoi 10 000, Vietnam,
e-mail: vsop@iop.ncst.ac.vn, fax: (84–4) 834 90 50.

N.B. : *Incomplete applications will not be considered.*

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VISA APPLICATION

You can start the formalities to apply for a Vietnamese visa anytime but you are advised to do that before 25 November 2002. For this purpose, you should contact and inform **Ms Le Dieu Thuy** in Hanoi (vsop@iop.ncst.ac.vn, fax: 84–4 834 90 50, tel.: 84–4 766 0221) about your travel plans and let us know the following information:

1. **Full Name** (written as in your passport):
2. **Date of Birth:**
3. **Passport number:**
4. **Date and place passport is issued:**
5. **Date of expiration of passport:**
6. **Preceding citizenship:**
7. **Present citizenship:**
8. **Date and place of arrival in Vietnam:**
9. **Length of stay in Vietnam** (approximate):
10. **Location where you will apply for visa:** (the closest Vietnam consulate in your country):
11. **A brief CV:**

NOTE for applicants of Vietnamese origin: Please, give us also the year you left Vietnam.

NOTE for participants of ASEAN countries and P. R. China: A visa may not be required for short stays in Vietnam (please, enquire at your local Vietnamese consulate).

Usually, several weeks after this information is received by us, the visa authorisation will be sent to the Vietnam consulate of your choice.

Please, return this form before 25 November 2002 (either via post or by e-mail or by fax) to:

**Ms Le Dieu Thuy
School of Physics
Institute of Physics
P.O. Box 429, Bo Ho
Hanoi 10 000, Vietnam**

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