



## International Center for Interdisciplinary Science and Education in Vietnam (ICISE)

### Planned Activities of ICISE

Once it has opened, the Centre will host annually a dozen high-level international, regional and regular national conferences, in all disciplines (basic and applied science, medicine, humanities and social sciences). Each conference will bring together between 70 and 150 participants for stays of up to 6 days.

The Centre will also host several two-week thematic schools, involving groups of 40 to 50 students and junior researchers, coming mainly from Asia, and senior lecturers from Asia, Australia, Europe and the Americas.

From now to the first year of operation of the ICISE, conferences and thematic schools will be organized in the town of Quy Nhon.

### Conferences organized in 2011

Frontiers in QCD : Puzzles and Discoveries : December 15-21 (Chung I Tan)  
10th Int. Conference on Gravitation and Astrophysics : Dec 15-21 (Roland Triay)

### Conferences scheduled for 2012

**Beyond the Standard Model in Particle Physics : July 15-21, 2012**  
<http://confs.obspm.fr/RencontresVietnam/BTSM/index.htm>  
**Heavy Ion Collisions in the LHC era : July 15-21, 2012**  
<https://indico.cern.ch/conferenceDisplay.py?confId=163815>  
**BSM : Extended fermion and scalar sectors: December 16-22, 2012**  
<http://indico.cern.ch/conferenceDisplay.py?ovw=True&confId=191243>  
**Towards CP Violation in neutrino oscillations : December 16-22, 2012**  
Contact : Jennifer Thomas : [jthomas@hep.ucl.ac.uk](mailto:jthomas@hep.ucl.ac.uk)

### Conferences planned for 2013

**Opening conference of the Center : Windows on the Universe : July 28 - August 3, Contact :**  
Jean Tran Thanh Van [jtrantv@gmail.com](mailto:jtrantv@gmail.com) and Boaz Klima [klima@fnal.gov](mailto:klima@fnal.gov)  
**Nanophysics : from fundamentals to applications : August 4-10, Contact :** Thierry Martin [martin@cpt.univ-mrs.fr](mailto:martin@cpt.univ-mrs.fr) and Bernard Placais [bernard.placais@lpa.ens.fr](mailto:bernard.placais@lpa.ens.fr)  
**Cosmology : August 11-17, Contact :** Jacques Dumarchez [jacdz@mail.cern.ch](mailto:jacdz@mail.cern.ch)  
**General Relativity and Gravitation : August 11-17, Contact :** Roland Triay [rtriay@gmail.com](mailto:rtriay@gmail.com)  
**Heavy Flavours : December 15-21, Contact :** Bolek Pietrzyk [bolek.pietrzyk@cern.ch](mailto:bolek.pietrzyk@cern.ch)

### Rencontres du Vietnam

<http://vietnam.in2p3.fr>

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We have witnessed in the past decade the rapid economic development of the emerging nations, such as Vietnam, on the Pacific Rim. However, a large gap exists between such a rate of expansion and the current level of scientific activity in these countries. It is a fact that a strong economy goes hand in hand with a solid scientific and technological development. It is also recognized that the emerging countries on the Pacific Rim have a large pool of talented students eager to participate in existing and future scientific projects. To take advantage of these valuable human resources and to help these developing nations to fully realize their potential, it is important to promote scientific exchange and to share the educational experience of developed and developing countries. From such interactions will be born new ideas on how to integrate and adapt the new technologies within the current global socio-economic and environmental context.

It is with this aim in mind that we propose the creation in Vietnam of an International Center for Interdisciplinary Science and Education (ICISE), where junior and senior scientists, specialists from many different disciplines, can meet and exchange ideas in a convivial and relaxed environment.



Artist's impression of the Center

**Why Vietnam :** Vietnam is at the cross-roads of the Pacific Rim countries, and it holds an increasingly open policy as well as a strong desire to engage in collaborative projects with the developed world. The country already hosts a variety of regular international scientific and educational events: conferences, thematic schools and teacher training meetings. The Center would consolidate many of these, to date dispersed, activities.

The Center will benefit from the experience gained in organizing the Rencontres de Moriond since 1966, the Rencontres de Blois since 1989, the Rencontres du Vietnam since 1993 and the annual Vietnam School of Physics since 1994. These events have provided us with valuable insights into the most efficient ways to stimulate interaction and foster networks of collaboration as well as friendship between scientists from the Eastern and the Western worlds.



**Human Potential:** Excellent on an individual level, systematically high performance in the International Science Olympics and regular admissions to prestigious schools and universities in Europe and the US.

**When:** Opening of the Centre with an international conference “Windows on the Universe” from July 28 to August 3, 2013.

**Who:** Association *Rencontres du Vietnam*, Chairman : Jean Tran Thanh Van

**Practical Aspects:**

*Space Available:* 200.000 m<sup>2</sup> on the seaside with working, administrative and relaxation areas. The following facilities are planned: a large auditorium for 350 participants, a conference room for 150 participants, two seminar rooms, each for 40 participants, offices for visiting scientists and administrative staff, a reception, a cafeteria and a panoramic terrace. A planetarium is also planned. It is foreseen that hotel accommodation with about 150 rooms, a restaurant and a swimming pool, will be run independently.

**Location:** *Quy Nhon*, provincial capital of the *Binh Dinh* region is an excellent site. It has good rail, road and air connections (one hour flight from Saigon and one hour and a half from Hanoi) and is the closest seaport to the Western highlands, to North Laos and to Cambodia.

Together with Nha Trang (170km south) and Da nang (300km north), Quy Nhon has been targeted by the government for priority development in Central Vietnam. Over half of the 1.3 million population is of working age: the region is likely to develop rapidly during the coming decade. There are 2 universities with 30 000 students including a science faculty with about 300 lecturers and 15 000 science students. The area is attractive from many points of view. Historically, it hosts many interesting sites, and has considerable tourist potential, with unspoiled seafronts, neighbouring tropical forests and mountains etc...

**Support:** The Centre will attract leading international scientists to the region; their presence will in turn encourage the development of science education in Vietnam and the Pacific Rim region. The government of Vietnam, the provincial government of Binh Dinh as well as the University of Quy Nhon are extremely supportive of this project.

**Design and Architecture:** Studio Milou, founded by Jean-Francois Milou, is in charge of the project. It is renowned for its expertise in designing architectures with a cultural or educational focus. Studio Milou recently won the world-wide competition to design the National Museum of Art in Singapore. Architects Jean-Francois Milou, Thomas Rouyre and Nguyễn Thanh Trung are closely involved in the project. [http:// www.studiomilou.fr/](http://www.studiomilou.fr/)



The site of the International Center at Quy Nhon, Binh Dinh, Vietnam