

## **XVIII VIETNAM SCHOOL OF PHYSICS**

*Quy Nhon, 23 July – 4 August 2012*

### **SCIENTIFIC PROGRAM**

#### **First week (23 – 28 July)**

**Luis Álvarez – Gaumé** (CERN, Geneva, Switzerland):

*“Gauge theory and symmetry breaking”.*

**Rohini Godbole** (IISc, Bangalore, India):

*“Beyond the standard model through the window of electroweak symmetry breaking”.*

**Hang Bae Kim** (Hanyang university, Korea):

*“Introduction to astrophysics / cosmology”.*

#### **Second week (30 July – 4 August)**

**Geneviève Bélanger** (LAPTH, Annecy, France):

*“Dark matter and physics beyond the standard model”.*

**Maarten Boonekamp** (CEA, Saclay and CERN, Geneva):

*“Experimental aspects of the standard model at the LHC”.*

**Yoshimasa Kurihara** (KEK, Tsukuba, Japan):

*“QCD at the LHC”.*

**Mini-seminars/posters:** *Participants.*

**Topical lectures:** *to be announced.*

### **SPONSORS**

**Rencontres du Vietnam**, France-Vietnam.

**Asia-Pacific centre for theoretical physics**, Pohang, Korea.

**International centre for theoretical physics**, Trieste, Italy.

**Institut national de physique nucléaire et de physique des particules (IN2P3)**, CNRS, France.

**Vietnam academy of science and technology**, Vietnam.

**Vietnamese theoretical physics society**, Vietnam.

**Quynton university**, Quy Nhon, Vietnam.

**Institute of physics, VAST**, Hanoi, Vietnam.

### **ORGANIZING INSTITUTIONS**

**Rencontres du Vietnam**  
Orsay, France

**Institute of physics**  
Hanoi, Vietnam

**Quynton university**  
Quy Nhon, Vietnam

### **VENUE**

**Quynton university**  
170 An Duong Vuong, Quy Nhon, Binh Dinh province

### **APPLICATION DEADLINE**

**15 May 2012**  
(Tuesday)

### **CONTACT ADDRESS**

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History of the Universe

