

## PROGRAM

*November 27, 2012 (Tuesday)*  
**Conference Hall**

**08: 00 - 08: 45**

**Registration**

**Music Performance**

**08: 45 - 09: 00**

**Official Opening** (*Prof. Nguyen Dai Hung & Prof. Dao Van Lap* )

- *Welcoming speech of VNU Ho Chi Minh*
- *Welcoming speech of UNS, VNU Ho Chi Minh*
- *Opening speech by Prof. Acad. Nguyen Van Hieu*  
(*Conference President, Honour President of the Vietnam Physical Society*)
- *Speech by Prof. Dr. Kohz Hakuta*  
(*Director, Center for Photonic Innovation. The University of Electro-Communications. Tokyo, Japan*)
- *Speech by Prof. Dr. Philippe Brechignac*  
(*Director. Institute of Molecular Science in Orsay, CNRS France*).

## PLENARY SESSION

*Chairperson: Prof. Philippe Brechignac (ISMO, CNRS France)*  
*Prof. Nguyen The Binh (VNU Hanoi, VN)*

**09: 00 - 09: 25**

**OPTICAL-NANOFIBER QUANTUM-PHOTONICS: A NOVEL ROUTE FOR MANIPULATING AND CONTROLLING SINGLE ATOMS AND SINGLE PHOTONS**

(*Invited talk*)

***Kohzo Hakuta***

Univesity of Electro-Communications, Tokyo, Japan

**09: 25 – 09: 50**

**RESONANT EXCITATION OF SINGLE QUANTUM DOTS: TOWARDS AN ULTRA-COHERENT SINGLE PHOTONS SOURCE**

(*Invited talk*)

***Carole Diederichs*, *H.S Nguyen, G. Sallen, C. Voisin, P. Roussingol, G. Cassaboïs***

Laboratoire Pierre Aigrain, Ecole Normale Supérieure de Paris. France

**09:50 - 10: 25**

**FEMTOSECOND PW LASER AND ITS APPLICATIONS IN HIGH FIELD PHYSICS**

(*Invited talk*)

***In Won Lee***

Advance Photonic Reaserch Institute, GIST. Korea.

**10: 25 - 10: 40**

**Coffee Break**

**Chairperson: Prof. Dr. In Won Lee (APRI, GIST Korea)**

**Prof. Dr. Huynh Thanh Dat (VNU HoChiMinh)**

**10: 40 - 11: 15**

**CARBONACEOUS MATTER IN INTERSTELLAR SPACE :  
SOOT PARTICLES, PAHS AND THEIR CLUSTERS**

*(Invited talk)*

**Philippe Brechignac, H. Friha, Y. Carpentier, Anh Tuan Cao, T. Pino**

Institute of Molecular Science in Orsay, CNRS France. Orsay, France

**11: 15 – 11:50**

**GENERATION AND APPLICATION OF HIGH ORDER HARMONIC  
SOURCE**

*(Invited talk)*

**L. Van Dao, C. Hall, M. Pullen, H. L. Vu, K.B. Dinh, N. Gaffney and  
P. Hannaford**

Centre for Atom Optics and Ultrafast Spectroscopy, Swinburne University of  
Technology. Australia

**11: 50 - 12: 25**

**VARIOUS APPROACH TOWARD VUV LASERS**

*(Invited talk)*

**Nobuhiko Sarukura**

Institute of Laser Engineering, Osaka University. Japan

**12:30 -13:30**

**Buffet Lunch**

**13:30 - 17:30**

**SESSION A: PHOTONICS AND APPLICATIONS**

**SESSION B: SPECTROSCOPY OF CONDENSED MATTER AND NANO-MATERIALS**

**SESSION C: OPTICS, LASER AND APPLICATIONS**

**18:00-20:00**

**CONFERENCE PARTY**

*November 28, 2012 (Wednesday)*

**08:30 - 12:30**

**SESSION A: PHOTONICS AND APPLICATIONS**

**SESSION B: SPECTROSCOPY OF CONDENSED MATTER AND NANO-MATERIALS**

**SESSION C: OPTICS, LASER AND APPLICATIONS**

**12: 30 - 13:30                      Lunch Buffet**

**13:30 - 15:20**

**SESSION A: PHOTONICS AND APPLICATIONS**

**SESSION B: SPECTROSCOPY OF CONDENSED MATTER AND NANO-MATERIALS**

**SESSION C: OPTICS, LASER AND APPLICATIONS**

**15:20 - 15- 35                      Coffee Break**

**15: 35 – 17: 30                      POSTER I**

*November 29, 2012 (Thursday)*

**08:30 - 10:20**

**SESSION A: PHOTONICS AND APPLICATIONS**

**SESSION B: SPECTROSCOPY OF CONDENSED MATTER AND NANO-MATERIALS**

**SESSION C: OPTICS, LASER AND APPLICATIONS**

**10: 20 – 10: 35                      Coffee Break**

**10: 35 – 12: 30                      POSTER II**

**12: 30 - 13: 30                      Lunch Buffet**

**13:30 - 15:20**

**SESSION A: PHOTONICS AND APPLICATIONS**

**SESSION B: SPECTROSCOPY OF CONDENSED MATTER AND NANO-MATERIALS**

**SESSION C: OPTICS, LASER AND APPLICATIONS**

**15: 35 – 16: 00                      Coffee Break**

**16: 00 – 16: 30                      PLENARY SESSION**

**CLOSING CONFERENCE**

*(Prof. Acad. Nguyen Van Hieu, Prof. Nguyen Dai Hung, Prof. Huynh Thanh Dat, Prof. Duong Ai Phuong, Prof. Tran Linh Thuoc, Prof. Hoang Dung, Prof. Nguyen The Binh, Prof. Pham Van Hoi, Prof. Dinh Xuan Khoa, Prof. Vu Thi Bich)*

**18: 00 – 20: 00                      CONFERENCE PARTY**