

PROGRAM

November 12, 2018 (Monday)

PLENARY SESSION

- 08: 00 - 08: 30** **Registration at MUONG THANH LUXURY Quang Ninh Hotel** (Ha Long Street, Bai Chay Ward, Ha Long City. Telephone: 203 3 646 618)
- 08: 30 - 09: 25** **Official Opening** (Prof. Nguyen Dai Hung & Dr. Do Hoang Tung)
- Welcoming speech of the Governor of Ha Long City
 - Opening speech of the Governor of VAST and MOST
 - Speech by Prof. Dr. Philippe Brechignac (University of Paris -Sud, French, Conference President)
 - Speech by Prof. Dr. Huynh Thanh Dat (President. Vietnam National University in Ho Chi Minh City).
 - Speech by Prof. Dr. Hyyong Suk
(Director. Advanced Photonic Research Institute, GIST. R. Korea)
 - Speech by Prof. Acad. Valentin A. Orlovich
(B.I. Stepanov Institute of Physics, NAS Belarus)
 - Speech by Prof. Dr. Dinh Van Trung
(Director. International Center for Physics & IOP, VAST)

PLENARY SESSION

Chairperson:

Prof. Dr. Brechignac Catherine (*Academy of Science. France*),
Prof. Dinh Van Trung (*Institute of Physics, VAST, Vietnam*)

PL-01
09:25 – 10:00 **TRAPPING ULTRACOLD ATOMS IN A MAGNETIC LATTICE**
(*invited talk*)

Peter Hannaford, Tien Tran, Yibo Wang, Prince Surendran, Ivan Herrera, Andrei Sidorov

Centre for Quantum and Optical Science, Swinburne University of Technology, Melbourne, Victoria Australia 3122

- PL-02
10:00 - 10:35 **MULTIFREQUENCY ALL SOLID STATE PULSED LASER-NONLINEAR OPTICAL SYSTEM GENERATING ON 21 SEPARATE LINES IN UV, VISIBLE, AND NEAR IR SPECTRAL REGIONS**
(invited talk)
Orlovich V. A., Chulkov R. V., Dashkevich V. I., Voitikov S. V., Nguyen Dai Hung, Do Quoc Khanh, Minh P. H., Tu N. X.
National Academy of Sciences of Belarus, B.I.Stepanov Institute of Physics of NASB, 68-2 Nezalezhnasti Ave., 220072 Minks, Republic of Belarus
Vietnam Academy of Science and Technology, Institute of Physics of VAST, 10 Dao Tan Street., Cong Vi, Ba Dinh, Hanoi, Vietnam
- 10:35- 10:50 **Coffee break**
Chairperson:
Prof. Nobuhiko Sarukura (ILE, Osaka University. Japan)
Prof. Pham Van Hoi (IMS, VAST, Vietnam)
- PL-03
10:50 - 11:25 **SPECTROSCOPIC SIGNATURES OF MOLECULES AND GRAINS IN INTERSTELLAR SPACE: INPUT FROM HYDRO-CARBONATED NANOPARTICLES IN THE LABORATORY**
(invited talk)
Philippe Bréchnignac
Institute of Molecular Sciences at ORSAY, UMR 8214, University Paris-Sud & CNRS (France)
- PL-04
11:25 - 12:00 **GENERATION OF THZ WAVES USING LASER-PLASMAS AND THEIR APPLICATIONS FOR PLASMA DIAGNOSTICS**
(invited talk)
Hyvong Suk, K. Kang, and S. Lee
APRI, Gwangju Institute of Science and Technology, Gwangju 61005, Rep. of Korea
- PL-05
12.00-12.35 **ADSORPTION AND DYNAMICS OF MOLECULES ADSORBED ON NANOPARTICLES**
(invited talk)
Aimeric Ouvrard, Abdoul Mouize Zakaria, Natalia Alyabyeva, Serge Carrez, Wanquan Zheng and Bernard Bourguignon
Institut des Sciences Moléculaires d'Orsay (ISMO), CNRS, Univ.Paris-Sud, Université Paris-Saclay, F-91405 Orsay (France)

12.35 – 13.30 LUNCH

13:30-17:30

POSTER SESSION I

Chairperson:

Prof. Dr. Nguyen The Binh (*Uni. of Science, VNU HN*)
Prof. Dr. Le Vu Tuan Hung (*Uni. of Science, VNU HCM*)
Dr. Phung Viet Tiep (*IOP, VAST, VN*)

SESSION A

