

SESSION B:
SPECTROSCOPY OF CONDENSED MATTER AND NANO – MATERIALS
<i>November 27, 2012 (Tuesday)</i>

Chairperson: Prof. Dr. Vu Xuan Quang (Duy Tan Uni., Da Nang)

Prof. Dr. Luc Huy Hoang (Hanoi Uni. of Edu., Vietnam)

- (B-01)
13:30 – 13:55 **PROGRESSES IN NANOMATERIALS STUDIES**
(Invited talk)
Pham Van Huong and Huynh Thanh Dat
University of Bordeaux 1, France
- (B-02)
13:55 – 14:20 **SYNCHROTRON RADIATION RESEARCH AND APPLICATION AN OVERVIEW**
(Invited talk)
Nguyen Thanh Binh
Institute of Physics, VAST, Ha Noi
- (B-03)
14:20 – 14:35 **STRUCTURAL AND OPTICAL PROPERTIES OF CuWO₄ SYNTHESIZED BY THE CHEMICAL MICROWAVE-ASSISTED METHOD**
Pham Van Hanh, Nguyen Ngoc Dien, Pham Van Hai and Luc Huy Hoang
Hanoi National University of Education, Ha Noi
- (B-04)
14:35 – 14:50 **FABRICATION OF ZnO p-n HOMOJUNCTION DEVICE GROWN BY SPUTTERING MAGNETRON DC,**
Dao Anh Tuan, Phan Thi Kieu Loan and Le Vu Tuan Hung
Ho Chi Minh City University of Science - VNU HCMC
- (B-05)
14:50 – 15:05 **EFFECT OF HF CONCENTRATION IN THE ELECTROCHEMICAL ETCHING SOLUTION ON THE PHOTOLUMINESCENCE OF AMORPHOUS SIC**
Cao Tuan Anh, Dao Tran Cao, and Luong Truc Quynh Ngan
Institute of Physic, VAST
- (B-06)
15:05 – 15:20 **STUDY ON PROPERTIES OF BULK-HETEROJUNCTION SYSTEM OF ITO/ ZnO NRS/ P3HT: PCBM AND ITO/ ZnO FILM/ ZnO NRs/ P3HT: PCBM**
Son Hoang Cao Tran, Quoc Kien Luu, Ngoc Pham Kim, Top Khac Le, Nhan Thuc Chi Ha, Dinh Nang Nguyen, Hieu Van Le
Ho Chi Minh City University of Science - VNU HCMC

15:20 – 13:35

Coffee Break

Chairperson: Prof. Dr. Le Vu Tuan Hung (VNU Ho Chi Minh)
Dr. Nguyen Thanh Binh (IOP, VAST)

- (B-07)
15:35 – 16:00 **THE SYNTHESIS OF $\text{MnWO}_4/\text{SBA-15}$ AND ITS PHOTOCATALYTIC APPLICATION**
(Invited talk)
Pham Van Hanh, Nguyen Thi Huong, Pham Van Hai and Luc Huy Hoang
Hanoi National University of Education, Ha Noi
- (B-08)
15:00 – 16:25 **PHOTOLUMINESCENCE CHARACTERISTICS OF La_2O_3 AND SiO_2 COATED La_2O_3 NANOPARTICLES SYNTHESIZED BY RESINATE SOL-GEL METHOD**
Dinh Son Thach, Dau Tran Anh Nguyet, Le Thai Duy
Ho Chi Minh City University of Science - VNU HCMC, HCM City, Vietnam
- (B-09)
16:25 – 16:40 **GROWTH OF MgO THIN FILMS ON GLASS SUBSTRATES**
Nguyen Van Khanh
Hanoi National University of Education, Hanoi
- (B-10)
16:40 – 17:55 **THE OPTICAL AND ELECTROCHEMICAL PROPERTIES OF ZnS/CdSe CO-SENSITIZED TiO_2 SOLAR CELLS,**
HUYNH Chi Cuong, HA Thanh Tung, LAM Quang Vinh, NGUYEN Thai Hoang, DUONG Ai Phuong
Ho Chi Minh City University of Science - VNU HCMC
- (B-11)
16:55 – 17:10 **INFLUENCE OF RE^{3+} ION ON PHOSPHORESCENCE PROPERTIES IN SrAl_2O_4 : Eu^{3+} , Dy^{3+} , Re^{3+} ,**
Tran Thi Hoai Giang, Tran Ngoc
Quang Binh University, Quang Binh
- (B-12)
17:10 – 17:25 **RESEACH AND FABRICATION PHOTOCATALYST MATERIALS SYSTEM THIN FILM ZnO/ZnO ROD/ TiO_2**
Vo Kien Trung, Pham Thi Thu Quyen, Lam Quang Vinh, Vu Thi Hanh Thu
Ho Chi Minh City University of Science - VNU HCMC
- 18:00** **CONFERENCE PARTY**