

PROGRAM

Tuesday - August 15, 2006

08: 00 - 09: 00 Registration

09: 00 - 09: 20 Official Opening

- *Opening Speech by Prof. Acad. Nguyen Van Hieu
(Honour President of the Vietnamese Physical Society)*
- *Keynote Address by Prof. Dr. Young Pak Lee
(Vice President Korean Physical Society)*
- *Welcoming Speech by Prof. Le Quang Minh
(President University of Cantho)*

09: 20 - 09: 30 Coffee Break

Plenary Session

**09: 30 - 10: 00 SPIN-POLARIZED PHOTOCURRENT THROUGH
QUANTUM DOT PHOTODETECTOR**

Nguyen Van Hieu and Nguyen Bich Ha (VAST, Vietnam)

**10: 00 - 10: 30 SPIN-PHOTONIC SCIENCE, COMPRISING SPIN-
PHOTONIC CRYSTALS, FOR ADVANCE IT AND NT**

Young Pak Lee (Hanyang University, Korea)

**10: 30 - 11: 00 PHYSICAL AND CHEMICAL IDENTIFICATION OF
MANUFACTURED NANOPARTICLES IN AMBIENT
ATMOSPHERE USING LASER-INDUCED BREAKDOWN
SPECTROSCOPY (LIBS) TECHNIQUE**

*Emeric Frejafon, T. Amodeo, M Baudelet, M. Attoui, O.Le Bihan, J.
Yu (INERIS, France)*

**11: 00 - 11: 30 SOLID - STATE LIGHTING: TECHNIQUES, MATERIALS
AND ITS FUTURE**

*Nguyen Quang Liem, Do Xuan Thanh, Tran thi Kim Chi, U T. Dieu
Thuy, Nguyen Vu et al. (IMS, VAST, Vietnam)*

Buffet Lunch

SESSION A1: QUANTUM PHOTONICS AND NANOPHYSICS

First Korea- Vietnam Joint Symposium
An External Activity of APCTP

August 15, 2006 (Tuesday)

Chairperson: Prof. Vu Xuan Quang (IMS, VAST)

- (A1-01)
13: 30 – 14:00 **APPLICATION OF CARBON NANOTUBES IN NANO ELECTROPLATING AND NANOCOMPOSITE MATERIALS**
(Invited talk)
Phan Hong Khoi, Nguyen Ngoc Minh (IMS, VAST Vietnam)
- (A1-02)
14: 00 – 14:30 **ANALYSIS ON THE INTERFACE EFFECT OF ZnSe/CdSe MULTILAYER SYSTEM**
(Invited talk)
Young Dong Kim (Kyung Hee University, Korea)
- (A1-03)
14: 30 – 15: 00 **Co CLUSTER FORMATION IN TiO₂ DMS AND A METHOD OF ESTIMATION**
(Invited talk)
Le Van Hong, Ngo Thi Hong Le, Nguyen Chi Thuan, Nguyen Van Dai and Nguyen Xuan Phuc (IMS, VAST Vietnam)
- 15: 00 – 15: 15** **Coffee break**

Chairperson: Prof. Nguyen Ngoc Long (VNU Hanoi)

- (A1-04)
15: 15 – 15: 45 **OPTICAL AND STRUCTURAL PROPERTIES OF OPTICAL THIN FILMS WITH VARIOUS COLUMNAR MICROSTRUCTURE**
(Invited talk)
Chang Kwon Hwangbo (Inha University, Korea)
- (A1-05)
15: 45 – 16: 15 **LUMINESCENCE AND ENERGY TRANSFER OF Y₂O₃ NANOCOLLOIDAL CONTAINING RARE EARTH IONS**
(Invited talk)
Tran Kim Anh, Lam Thi Kieu Giang, Nguyen Vu, Tran Thi Kim Chi, Man Hoai Nam et al. (IMS, VAST Vietnam)

- (A1-06)
16: 15 – 16: 45 **MAGNETIC-OPTICS PROPERTIES AND
 OXIDATION/REDUCTION OF ULTRATHIN MAGNETIC
 FILMS: Fe FILMS ON Pt(111)**
 (Invited talk)
Tchang Uh Nahm (Hanyang University, Korea)
- (A1-07)
16: 45 – 17: 15 **MANGETO-OPTICAL PROPERTIES OF EXCITONS
 CONFINED TO SINGLE MAGNETIC AND NON-
 MAGNETIC QUANTUM DOTS**
 (Invited talk)
*Thang Ba Hoang, S. Mackowski, H. E. Jackson, L. M. Smith, P.
 Wojnar, G. Karczewski, J. Kossut*

August 16, 2006 (Wednesday)

Chairperson: Prof. Le Van Hong (IMS, VAST)

- (A1-08)
08: 00 – 08: 30 **FAST MOTION OF THE SURFACE MOLECULES
 DEDUCED FROM THE SUM-FREQUENCY VIBRATIONAL
 SPECTROSCOPY**
 (invited talk)
Doseok Kim (Sogan University, Korea)
- (A1-09)
08: 30 – 09: 00 **ENSEMBLE PARTICLE PHOTOPHYSICAL PROPERTIES
 (TWO-PHOTON EXCITATION, FRET, LIFETIME,
 SPECTRAL CONVERSION) OF COMMERCIAL QUANTUM
 DOTS IN SOLUTION AND IN LIVE CELLS**
 (Invited talk)
*Tran Hong Nhung, Tong Kim Thuan, Jean-Claude Brochon, P. Thu
 Nga, Khuc Mai Thu, Tran Thanh Thuy, Nguyen Xuan Nghia P.
 Hong Duong, E. Guiot, P. Tauc (IPE, VAST Vietnam)*
- (A1-10)
09: 00 – 09: 30 **PECULIAR OPTICAL PROPERTIES
 OF CO₂MnGa ALLOYS**
 (invited talk)
Joo Yull Rhee (Sungkyunkwan University, Korea)
- (A1-11)
09: 30 – 10: 00 **PHOTOCHEMICAL SOLAR CELLS BASED ON
 NANOCRYSTALLINE TiO₂ AND SnO₂**
 (Invited talk)
Nguyen Nang Dinh (College of Technology Ha Noi)
- 10: 00 – 10: 15** **Coffee Break**

Chairperson: Dr. Phan Ngoc Minh (IMS, VAST)

(A1-12)
10: 15 – 10: 45

TUNNELING RESONANCE IN NANO-OPTICS

(invited talk)

Q-Han Park (Korea University, Korea)

(A1-13)
10: 45 – 11: 15

**HIGH-CONCENTRATION Er³⁺- DOPED
ALUMINOSILICATE GLASS TOROIDAL MICROCAVITY
LASERS: FABRICATION AND OPTICAL PROPERTIES**

(Invited talk)

*Pham Van Hoi, Ha Xuan Vinh, Chu Thị Thu Ha, Pham Thu Nga,
Nguyen Thu Trang, Bui Van Thien (IMS, VAST Vietnam)*

(A1-14)
11: 15 – 11: 45

**THE EFFECT OF SiO_x INTERMEDIATE LAYER ON
PHOTOLUMINESCENCE PROPERTIES OF EUROPIUM
SILICATE THIN FILMS**

(Invited talk)

*Tae Geun Kim (School of Electrical Engineering, Korea
University, Seoul, Korea,)*

Buffet Lunch

Chairperson: Prof. Nguyen Nang Dinh (College Technology, HN)

(A1-15)
13: 30 – 14: 00

**CONTRAST AGENTS FOR MAGNETIC RESONANCE
IMAGING BASED ON Fe₃O₄ MAGNETITE
NANOPARTICLES**

(Invited talk)

*Tran Hoang Hai, Le Hong Phuc, Doan Thi Kim Dung, Nguyen Thi
Le Huyen, Bui Duc Long et al. (IPE, Ho Chi Minh)*

(A1-16)
14: 00 – 14: 30

**RARE-EARTH IONS DOPED CHALCOGENIDE GLASSES
AND THE INFLUENCES OF IMPURITIES TO MATRIX
HOST**

(Invited talk)

*V.G. Truong, A.M Jurdyc, B.S. Ham, B. Jacquier et al. (University
of Hue, Vietnam)*

(A1-17)
14: 30 – 15: 00

**SYNTHESIS AND CHARACTERISTICS OF POLY(PARA-
PHENYLENEVINYLENE)**

(Invited talk)

Pham Thi Minh Chau, Jung Il Jin (IMS, VAST Vietnam)

15: 00 – 15: 15

Coffee break

Chairperson: Prof. Tran Hoang Hai (IMS Ho Chi Minh)

(A1-18)
15: 15 – 15: 45

**EXPERIMENTAL STUDY OF 3D SELF-ASSEMBLED
PHOTONIC CRYSTAL AND COLLOIDAL CORE-SHELL
SEMICONDUCTOR QUANTUM DOTS**

(invited talk)

Pham Thu Nga, Vu Duc Chinh, Pham Thai Cuong, Nguyen Xuan Nghia, Phan Tien Dung, et. al (IMS, VAST Vietnam)

(A1-19)
15: 45 – 16: 05

**FABRICATION & INVESTIGATION ZnO NANO
STRUCTURE ON AL₂O₃ SUBSTRATES BY MOCVD**

Nguyen Thanh Binh, Vu Thi Bich, Bui Thi Thu Hoai (IPE, VAST), Y. Segawa (Photodynamics Research Center-RIKEN, Japan)

(A1-20)
16: 05 – 16: 25

**PHOTOLUMINESCENCE OF ZnO TETRAPOD-LIKE
NANOSTRUCTURE**

Ngo Xuan Dai, Nguyen Ngoc Long, Nguyen Thi Thuc Hien (College of Natural Sciences, Hanoi)

(A1-21)
16: 25 – 16: 45

**OPTICAL PROPERTIES OF Zn_{1-x}CoxO SYNTHESIZED BY
HYDROTHERMAL METHOD**

Trinh Thi Loan, Le Hong Ha, Nguyen Ngoc Long, Phung Thi Huong (College of Natural Sciences, Hanoi)

(A1-22)
16: 45 – 17: 05

A PREPARATION AND OPTICAL PROPERTIES OF Zn_{1-x}MxO (M=Cr, Mn, Ni)

Nguyen Minh Thuy, Do Thi Sam, Trinh Duc Thien, Phan Thanh Cong, Tran Minh Thi and Nguyen The Khoi (Pedagogic College of Hanoi)

(A1-23)
17: 05- 17: 25

**Chế tạo màng mỏng SnO₂ có cấu trúc nano bằng phương pháp
Sol-Gel**

Lê Khắc Bình, Trịnh Thanh Thủy, Từ Ngọc Hân (Trường Đại học Khoa học Tự nhiên TpHCM)

SESSION A2 : SPECTROSCOPY OF CONDENSED MATTER AND NANO MATERIALS

<i>August 15, 2006 (Tuesday)</i>

Chairperson: Prof. Le Khắc Binh (VNU Ho Chi Minh)

(A2-01)
13: 30 – 13: 50

**CHARACTERATION OF PVK-MEH PPV₂ Alq₃ – BASED
OLEDs USING TRANSPARENT CONDUCTING ANODE
ZnO:Al**

*Tran Quang Trung, Nguyen Minh Dao (College of Natural
Sciences, Ho Chi Minh)*

(A2-02)
13: 50 – 14: 10

**EFFECT OF SEMICONDUCTOR-NANOPARTICLES ON
PHOTOLUMINESCENCE AND ELECTRICAL
PROPERTIES OF PVK/TiO₂ COMPOSITE MATERIALS**

*Pham Duy Long, Do Xuan Mai, Dang Van Thanh, Phan Viet Phong
(IMS VAST)*

(A2-03)
14: 10 – 14: 30

**STUDY OF OPTICAL PROPERTIES OF SOME
CONDUCTING POLYMERS USED FOR OLED**

*Nguyen Nang Dinh, Tran Chung Thuy, Dang Van Thanh
(Pedagogic College, Uni. Thai Nguyen)*

(A2-04)
14: 30 – 14: 50

**STRUCTURE AND OPTICAL PROPERTIES OF Sb: SnO₂
THIN FILMS OBTAINED BY THE SOL- GEL METHOD**

*Nguyen Thanh Binh, Le Thi Thanh Binh, Le Duy Khanh, Nguyen
Ngoc Long (College of Natural Sciences Ha Noi)*

(A2-05)
14: 50 – 15: 10

**PREPARATION AND CHARACTERIZATION OF ZnS AND
ZnS:CU, AL MATERIAL**

*Do Thi Sam, Nguyen Minh Thuy and Nguyen The Khoi (Pedagogic
College, Ha Noi)*

15: 10 – 15: 25

Coffee break

Chairperson: Prof. Tran Kim Anh (IMS, VAST)

(A2-06)
15: 25 – 15: 45

**EFFECT OF PREPARATION METHOD ON PROPERTIES
OF ZnO:Al FILMS**

*Nguyen Van Hung, Do Danh Bich, Nguyen Thi Thanh Ha, Nguyen
Dinh Lam, Luc Huy Hoang and Nguyen The Khoi (Pedagogic
College Ha Noi)*

- (A2-07)
15: 45 – 16: 05 **PREPARING TRANSPARENT CONDUCTIVE SnO₂ THIN FILM BY MAGNETRON SPUTTERING METHOD**
Le Van Ngoc, Tran Tuan, Huynh Thanh Dat, Le Tai Huan, Tran Huu Hung, Pham Ngoc Hien (College of Natural Sciences HCM)
- (A2-08)
16: 05 – 16: 25 **LUMINESCENT PROPERTIES OF SnO₂NANOWIRES PREPARED BY THERMAL EVAPORATION**
Le Duy Khanh, Nguyen Thanh Binh, Le Thi Thanh Binh, Nguyen Ngoc Long (College of Natural Sciences Ha Noi)
- (A2-09)
16: 25 – 16: 45 **SURFACE EFFECT AND NANOPARTICLE MATERIALS IN MEA (MEMBRANE ELECTRODE ASSEMBLY)**
Nguyen Manh Tuan, Nguyen Hoang Tuyen, Nguyen Dinh Thanh (IPE Ho Chi Minh)
- (A2-10)
16: 45 – 17: 05 **SYNTHESIS OF Cr-DOPED Mg₂SiO₄ (FORSTERITE) BY USING TWO PRECURSOR METHODS**
Dao Quoc Huong, Pham Gia Ngu (IOC, VAST)
- (A2-11)
17: 05 -17:25 **STRUCTURE AND OPTICAL PROPERTIES OF SOL-GEL SPIN-COATING PREPARED ZINC OXIDE FILMS**
Luong Tien Tung, Nguyen The Khoi, Nguyen Van Hung, Luc Huy Hoang, Nguyen Thi Thanh Ha, Nguyen Thi Thu Hang and Dinh Thi Phuong Nga (Pedagogic College, Ha Noi)

August 16, 2006 (Thursday)

Chairperson: Prof. Trinh Duc Quang (University of Hue)

- (A2-12)
08: 00 – 08: 25 **OPTICAL PROPERTIES OF ZnO:CO FILMS PREPARED BY SOL-GEL METHOD**
 (Invited talk)
Luc Huy Hoang, Nguyen the Khoi, Nguyen Trong Dung, W. Pacuski, Luong Tien Tung and Nguyen Van Hung (Pedagogic College, Hanoi)
- (A2-13)
08: 25 – 08: 45 **OPTICAL PROPERTIES OF ZnO NANOWIRE SYNTHESIZED BY VAPOR DEPOSITION WITH NiO-CATALYST**
Doan Manh Ha, Nguyen Thi Thuc Hien, Nguyen Thi Phuong Mai, Ngo Xuan Dai (College of Natural Sciences, Hanoi, Vietnam)

(A2-14) 08: 45 – 09: 05	FABRICATION, OPTICAL PROPERTIES OF ZnO NANOSTRUCTURES <i><u>Man Hoai Nam, Tran Kim Anh, Dinh Xuan Loc and Le Quoc Minh</u></i> (IMS, VAST)
(A2-15) 09: 05 – 09: 25	PHOTOLUMINESCENCE of ZnO NANOSTRUCTURE PREPARED BY CATALYST - ASSISTED VAPOR - LIQUID - SOLID TECHNIQUE <i><u>Tran Thi Quynh Hoa, Ta Dinh Canh, Nguyen Ngoc Long and Nguyen Viet Tuyen</u></i> (College of Natural Sciences, Hanoi)
(A2-16) 09: 25 – 09: 45	INVESTIGATING THE OPTICAL AND ELECTRICAL PROPERTIES OF METAL OXIDE THIN FILMS BY SCOUT <i><u>Le Thuy Thanh Giang, Tran Quang Trung, Vo Thi Mai Thuan</u></i> (College of Natural Sciences, Ho Chi Minh)
09: 45 – 10: 00	Coffee Break <u>Chairperson: Prof. Pham Thu Nga (IMS, VAST)</u>
(A2-17) 10: 00 – 10: 20	CVD PREPARED Mn-DOPED ZnO NANOWIRES <i><u>T. L Phan, R. Vincent, D. Cherns, and N. X. Nghia</u></i> (Bristol Uni. UK)
(A2-18) 10: 20 – 10: 40	ANALYSIS OF THE KINETICS OF THE COLORATION - BLEACHING PROCESSES ON ELECTROCHROMIC DEVICES <i><u>Le Van Ngoc, Tran Tuan, Huynh Thanh Dat, Nguyen Van Den, Nguyen Ngoc Thuy Trang.</u></i> (College of Natural Sciences Ho Chi Minh)
(A2-19) 10: 40 – 11: 00	INVESTIGATING ITO FILM BY USING ELLIPSOMETRY <i><u>Tran Quang Trung, Le Khac Binh, Nguyen Dang Khoa, Vo Thi Mai Thuan</u></i> (College of Natural Sciences HCM)
(A2-20) 11: 00 – 11: 20	THE SIMULATION OF THE MAGNETRON SPUTTERING PROCESS FOR AL₂O₃ THIN FILM <i><u>Giang van Phuc, Le Vu Tuan Hung, Nguyen Van Den, Huynh Thanh Dat</u></i> (An Giang University, An Giang)
(A2-21) 11: 20 – 11: 40	DESIGNING THE OPTICAL DIELECTRIC MULTILAYER THIN FILM BY GENETIC ALGORITHMS <i><u>Le Vu Tuan Hung, Nguyen Van Den, Huynh Thanh Dat</u></i> (College of Natural Sciences, Ho Chi Minh)
Buffet Lunch	

Chairperson: Tran Tuan (College of Natural Sciences, HCM)

(A2-22)

13: 30 – 13: 50

A COMPARISON ABSORBED DOSES OF TLD-100 AND MTS-N IN THERMAL NEUTRON FIELD AT RESEARCH NUCLEAR REACTOR DALAT- VIETNAM

Bui The Huy, Huynh Thi Bao Chau, Nguyen Xuan Hai, Pham Dinh Khang (College of Natural Sciences, Ho Chi Minh)

(A2-23)

13: 50 – 14: 10

SYNTHESIS OF TiO₂ NANOPARTICLES DISPERSED IN ACID OLEIC

Tran Quang Trung, Pham Thi Nhu Quynh (College of Natural Sciences, Ho Chi Minh)

(A2-24)

14: 10 – 14: 30

TIN HARNESS THIN FILMS

Tran Quang Trung and Vo Thi Anh Thu (College of Natural Sciences, Ho Chi Minh)

(A2-25)

14: 30 – 14: 50

THE INFLUENCE OF Fe ON PHOTOLUMINESCENCE SPECTRUM OF THE ZnSe CRYSTAL (Zn_{1-x}Fe_x-Se) IN THE VISIBLE LIGHT BAND

Pham Van Ben (College of Natural Sciences, Ha Noi)

14: 50 – 15: 00

Coffee Break

Chairperson: Nguyen Thuc Hien (College of Natural Sciences, HN)

(A2-26)

15: 00 – 15: 20

EFFECT OF HEAT TREATMENT ON UV-Vis AND OPTICAL PROPERTIES OF PHOTOCATALYTIC TiO₂ THIN FILMS

Vu Thi Hanh Thu, Nguyen Huu Chi, Tran Tuan, Le Van Hieu, Nguyen Thanh Thuy, Dinh Cong Truong (College of Natural Sciences, Ho Chi Minh)

(A2-27)

15: 20 – 15: 40

SYNTHESIS AND OPTICAL PROPERTIES OF CdS:Mn²⁺ AND CdS:Mn²⁺/ZnS CORE/SHELL QUANTUM DOTS

Pham Thu Nga, Vu Duc Chinh, Chu Viet Ha, Vu Thi Hong Hanh, Vu Thi Kim Lien, Pham Thai Cuong, C.Barthou, P.Benalloul (IMS, VAST)

- (A2-28)
15: 40 – 16: 00
- THE OPTICAL PROPERTIES OF THE THERMOLUMINESCENCE MATERIAL BASE ON IN-HOUSE PREPARED LITHIUM BORATE**
- Bui The Huy , Huynh Ky Hanh , Tong Van Tuat, Ha Xuan Vinh, Huynh Thi Bao Chau , Vu Quoc Viet, Vo Thi Thu Ha (IMS , Nha Trang)*
- (A2-29)
16: 00 – 16: 20
- ROLE OF ALKALI IONS IN THE THERMOLUMINESCENCE OF NATURAL VIETNAMESE QUARTZ**
- Tran Ngoc, Nguyen Manh Son , Vu Xuan Quang (University of Hue)*
- (A2-30)
16: 20 – 16: 40
- THERMOLUMINESCENT PROPERTIES OF Li₂B₄O₇ DOPED METAL IMPURITIES**
- Ngo Quang Thanh, Nguyen Thi Thu Oanh, Ta Quang Thao, Phan Tien Dung, Vu Xuan Quang.(IMS, VAST)*
- (A2-31)
16: 40 – 17: 00
- NATURAL RADIOACTIVITY IN SOME ANCIENT CERAMIC SAMPLES BY ALPHA COUNTING USING SCINTILLATION SCREEN ZnS:Ag**
- Huynh Ky Hanh, Phan Tien Dung, Vu Quoc Viet, Tong Van Tuat (IMS Nha Trang)*
- (A2-32)
17: 00 – 17: 20
- SYNTHESIS OF TiO₂ POURIOUS THIN FILMS BY SOL-GEL METHOD**
- Tran Quang Trung, Huynh Kim Khuong (College of Natural Sciences, Ho Chi Minh)*

<p>August 17, 2006 (Thursday)</p>
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Chairperson: Prof. Nguyen Quang Liem (IMS, VAST)

- (A2-33)
08: 00 – 08: 20
- SOME SPECTROSCOPIC INVESTIGATION ON CHROMIUM SILICA SOL-GEL GLASSES AFTER HEATING**
- Vu Phi Tuyen, Nguyen Trong Thanh, Nguyen Thu Trang (IMS, VAST)*
- (A2-34)
08: 20 – 08: 40
- SYNTHESIS AND STUDY OF OPTICAL PROPERTIES OF PhTEOS ORMOSIL THIN FILMS**
- Vu Thi Thuy Duong, Khuc Quang Dat, Nghiem Thi Ha Lien, N. Xuan Nghia, Nguyen Tat Thanh, Tran Hong Nhung (IPE, VAST)*

(A2-35) 08: 40 – 09: 00	RAMAN STUDY ON SPINTRONIC MATERIAL ZnO: Mn <i>Nguyen Thi Thuy Lieu, Phan The Long, Nguyen Xuan Nghia (Post & Telecommunication IOT Ha Noi)</i>
(A2-36) 09: 00 – 09: 20	NANO PARTICALE MATERIALS AND APPLICATION FOR DIRECT METHANOL FUEL CELL (DMFC) <i>Nguyen Manh Tuan, Nguyen Hoang Tuyen, Nguyen Dinh Thanh (IPE Ho Chi Minh, VAST)</i>
(A2-37) 09: 20 – 09: 40	OPTICAL AND ELECTRICAL PROPERTIES OF PEROVSKITE $\text{La}_{0.67-x}\text{Li}_x\text{TiO}_3$ SOLID ELECTROLYTE THIN FILMS GROWN BY ELECTRON BEAM EVAPORATION <i>Pham Duy Long, Do Xuan Mai, Dang Van Thanh and Le Dinh Trong (IMS, VAST)</i>
(A2-38) 09: 40 – 10: 00	THERMOELECTRIC AND OPTICAL PROPERTIES OF SINGLE CRYSTAL $(\text{Bi,Sb})_2\text{Te}_3$ <i>Ngo Thu Huong (College of Natural Sciences, Ha Noi)</i>
10: 00 – 10: 10	Coffee Break
<u>Chairperson: Prof. Tran Hong Nhung (IPE, VAST)</u>	
(A2-39) 10: 10 – 10: 30	DEPENDENCE OF CRYSTAL STRUCTURE AND GRAIN BOUNDARY OF $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3 + 3\%\text{Al}_2\text{O}_3$ NANOCOMPOSITE ON ANNEALING TEMPERATURE <i>P.T. Phong, N.V. Khiem, N.X. Phuc, D.H. Manh, LV. Hong, N.Chanh (IMS VAST)</i>
(A2-40) 10: 30 – 10: 50	SOME PHYSICAL CHARACTERISTICS OF SILVER NANOCRYSTALLINE MATERIAL <i>Le Thi Cat Tuong, Phan Vinh Phuc, Phan T. Ngoc Bich (IMS VAST)</i>
(A2-41) 10: 50 – 11: 10	EFFECTS OF Sr SUBSTITUTION ON CRYSTALLINE STRUCTURE AND RAMAN SPECTRA OF $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ <i>Tran Dang Thanh, Nguyen Xuan Nghia, Nguyen Van Minh and Le Van Hong (IMS, VAST)</i>
(A2-42) 11: 10 – 11: 30	SYNTHESIS AND PROPERTIES OF ANATASE-TiO_2 AND TiO_2: CO+2 THIN FILMS <i>Do Danh Bich, Nguyen Dinh Hung, Nguyen Cao Khang and Nguyen The Khoi (Pedagogic College, Hanoi)</i>

(A2-43) 11: 30 – 11: 50	<p>PHOTOCATALYTIC TiO₂ THIN FILMS FABRICATED BY DC REACTIVE MAGNETRON SPUTTERING</p> <p><i><u>Vu Thi Hanh Thu</u>, Nguyen Huy Chi, Tran Tuan, Le Van Hieu, Nguyen Chi Tam et al.(College of Natural Sciences, HCM)</i></p>
Buffet Lunch	<p><u>Chairperson: Prof. Ngo Quoc Buu (Nha Trang IMS)</u></p>
(A2-44) 13: 30 – 13: 50	<p>PREPARATION AND CHARACTERISTIC OF THERMOLUMINESCENT MATERIAL LiF:Mg, Ti</p> <p><i><u>Vu Thi Thai Ha</u>, Nguyen Thi Quy Hai and Nguyen Ngoc Long (Institute of Materials Science)</i></p>
(A2-45) 13: 50 – 14: 10	<p>PREPARATION OF CdSe AND CdTe QUANTUM DOTS FROM CdO</p> <p><i><u>Ung Thi Dieu Thuy</u>, Tran Thi Kim Chi, N.Quang Liem (IMS, VAST)</i></p>
(A2-46) 14: 10 – 14: 30	<p>RAMAN SCATTERING FROM CdSe AND CdSe /ZnS COLLOIDAL QUANTUM DOTS (QDs) IN SOLVANT</p> <p><i><u>Le Ba Hai</u>, Nguyen Xuân Nghĩa, Vu Đức Chính, Phạm Thu Nga (IMS, VAST)</i></p>
(A2-47) 14: 30 – 14: 50	<p>PREPARATION AND STRUCTURE RESEARCH OF Y₂O₃ NANOPHOSPHOR DOPED WITH Er, Tm IONS</p> <p><i><u>Nguyen Vu, L.T. Cat Tuong, N. Huu Quan, L.T. Kieu Giang and Tran. Kim Anh</u> (IMS, VAST)</i></p>
(A2-48) 14: 50 – 15: 10	<p>STRUCTURAL STUDIES OF A FUCOIDAN FRACTION FROM SARGASSUM POLYCYSTUM</p> <p><i><u>Nguyen Duy Nhut</u>, Thanh Thi Thu Thuy, Bui Minh Ly, Tran Van Sung (IMS Nha Trang,)</i></p>
(A2-49) 15: 10 – 15: 30	<p>THE ROLE OF ALKALI IONS IN THE STIMULATED LUMINESCENCE IN VIETNAM QUARTZ</p> <p><i><u>Le Van Thanh Son</u>, Trinh Duc Quang, Vu Xuan Quang, Tran Thi Hong, Nguyen Trong Thanh, Ngo Quang Thanh</i></p>
15: 30	<p>Coffee Break</p>

Closing Meeting at the Plenary Session