

SESSION C: OPTICS, LASER AND APPLICATIONS
<i>November 27, 2012 (Tuesday)</i>

Chairperson: Prof. Dr. Tran Ba Chu (Academy of Military Sci. & Tech, Hanoi)
Dr. Nguyen Huy Bang (Vinh University)

(C-01)
13:30 – 13:55

HOLOGRAPHIC ZONE PLATES: FABRICATION AND APPLICATION IN OPTICAL SIGHTS

(Invited talk)

Duong Chi Dung, Le Duy Tuan, Phan Nguyen Nhue, Le Hoang Hai
Le Qui Don Technical University Hanoi

(C-02)
13:55 – 14:20

MICRO HOLOGRAPHIC RECORDING IN PHOTOPOLYMER

(Invited talk)

Van-Thai Pham, Ki-Soo Lim
Institute of Materials Science, VAST

(C-03)
14:20 – 14:35

DEVELOPMENT OF A COMPACT, VARIABLE PULSE-WIDTH NANOSECOND DIODE LASER

Dam Trung Thong, Dinh Van Trung, Nguyen Dinh Hoang
Institute of Physic, VAST

(C-04)
14:35 – 14:50

ENHANCEMENT FOR THE TRANSMISSION IN NEAR-IR REGION OF HIGHLY-CONDUCTING ZnO THIN FILMS USED FOR TRANSPARENT ELECTRODES

Phạm Duy Phong, Tran Cao Vinh, Ta Thi Kieu Hanh, Cao Thi My Dung, Nguyen Huu Truong, Vu Thi Diu, Vo Thi Kim Loan
HCM University of Science, VNU HCM

(C-05)
14:50 – 15:05

DESIGN A MIRROR-LENS OBJECTIVE FOR VARIABLE MAGNIFICATION TELESCOPE

Ha Nguyen Binh, Pham Hong Tuan, Nguyen Ngoc Tu, Nguyen Tuan Vu
NACENTEC, Hanoi

(C-06)
15:05 – 15:20

MULTI-TRIPS PULSE COMPRESSION BY THE SYSTEM OF NONLINEAR COUPLER AND OPTICAL AMPLIFICATION FIBER WITH CW PUMP

Chu Van Bien, Chu van Lanh, Le Thi Ngoc Hieu
Hong Duc University, Thanh Hoa

15:20 – 13:35

Coffee Break

Chairperson: Prof. Dr. Vu Doan Mien (IMS, VAST)
Dr. Nguyen Cong Thanh (IOP, VAST)

- (C-07)
15:35 – 16:00 **THE APPLICATION OF LOW POWER SEMICONDUCTOR LASER
ON THE REHABILITATION TREATMENT FOR DIABETICS TYPE
II GET A CEREBROVASCULAR ACCIDENT**
(Invited talk)
Tran Minh Thai, Can Van Be, Ngo Thi Thien Hoa
University of Technology, VNU HCM City
- (C-08)
15:00 – 16:25 **SPECTRAL DYNAMICS OF ALL SOLID -STATE ULTRAVIOLET
Ce: LiCaF LASER EMISSIONS**
**Pham Hong Minh, Pham Huy Thong, Nguyen Phan Nhat, Nguyen Dai
Hung, Nobuhiko Sarukura**
(Invited talk)
Institute of Physics, VAST, Hanoi
- (C-09)
16:25 – 16:40 **MAKING AND INVESTIGATION OF THE SECOND HARMONIC
GENERATION EFFECT OF KDP SINGLE CRYSTALS**
Vinh Phan Trung, Anh Quynh Le, Tran Le and Khoa Nhat Phan,
Ho Chi Minh City University of Science, VNU HCM
- (C-10)
16:40 – 17:55 **FIBER-COUPLED 670 nm AND 940 nm HIGH-POWER DIODE
LASER MODULES FOR MEDICAL APPLICATIONS**
**Tong Quang Cong, Pham Van Truong, Do Thi Thanh, Vu Doan Mien
and Tran Quoc Tien**
Institute of Materials Science, VAST
- (C-11)
16:55 – 17:10 **STUDY OF ACTIVE LIGHT OPTICAL SYSTEM IN KINECT
CAMERA**
Van Vu Nguyen, Ngoc Tu Nguyen, Hong Tuan Pham
National Center for Technology Progress- NACENTEC.
- (C-12)
17:10 – 17:25 **SIMULATION OF SHACK – HARTMANN PATTERNS FOR STUDY
OF WAVEFRONT SENSOR**
Vu Van Huyen, Le Duy Tuan, Le Hoang Hai
Le Qui Don Technical University, Hanoi
- 18:00** **CONFERENCE PARTY**