20th International Vacuum Congress

ICV-20
ICSS-16
ICN+T 2016
VASSCAA-8
25th KVS
ITC 2016
ISPB 2016

AUGUST 21-26, 2016
BUSAN, KOREA

ICV-20
20th International Vacuum Congress

ICSS-16
16th International Conference on Solid Surfaces

ICN+T 2016
International Conference on Nanoscience and Technology 2016

VASSCAA-8
8th Vacuum and Surface Sciences Conference of Asia and Australia

25th KVS
25th Anniversary KVS Symposium

ITC 2016
Industrial Topical Conference 2016

ISPB 2016
International Symposium of Plasma Biosciences 2016

Organized by

www.ivc20.com
EMP-P1-096  Magnetic properties of YFe$_0.7$Mn$_{0.3}$O$_3$ investigated with Mossbauer spectroscopy

**Jung Tae LIM** (Kookmin University, Korea), Jung Chul SUR, Chul Sung KIM

EMP-P1-097  Interfacial electronic structure of CuPc/C$_6$0/potassium-doped MoO$_3$ for inverted organic photovoltaic application

**Donghyun JI** (Yonsei University, Korea), Jonghoon KIM, Yeong Ji IM, Bokyung RYU, Simhee RYU, Sunwoo AHN, Sang Wan CHO

EMP-P1-098  Fabrication of extremely thin free-standing organic electronic devices via dry peel-off process

**Eun-Hye LEE** (Korea Institute of Science and Technology, Korea), Sukjae JANG, Tae-Wook KIM

EMP-P1-099  Shape controlled copper nanowires for flexible electrode applications

**Jin-Won LEE** (Korea Institute of Science and Technology, Korea), Eun-Hye LEE, Tae-Wook KIM

EMP-P1-100  Asymmetry oxide / metal / oxide multilayer transparent conductive electrodes for ultra violet light emitting diodes

**Byeong Ryong LEE** (Korea University, Korea), Taeho LEE, Tae Hoon PARK, Kyung Rock SON, Shin-Hwan CHOI, Tae Geun KIM

EMP-P1-101  Color conversion mechanisms of transparent poly(methylmethacrylate)film containing silver nanowire and silica-coated quantum dot nanocomposites

**Dong Chul CHOQ** (Hanyang University, Korea), Yu Ra KIM, Tae Whan KIM

EMP-P1-102  Optical characteristics of MSO/Ag/ MSO multi layer film on PET film

**Sangmoo YOON, Guneik JANG** (Chungbuk National University, Korea)

EMP-P1-103  Pulsed laser deposition of Al (Ga) doped ZnO films

**Jaroslav BRUNCKO, Andrej VINCZE** (International Laser Centre, Slovakia), Miroslav MICHALKA, Marie NETRVALOVA, Pavol SUTTA, Jaroslav KOVAC JR.

EMP-P1-104  Al doped zinc oxide thin film growth by CVD for transparent conductor application

**Keon Woo YANG, Jung Sam JUNG, Sung-Ku KWON** (Kunsan National University, Korea)

EMP-P1-105  Direct ablation of transparent AZO-Ag-AZO electrodes on glass substrate by optical fiber laser ablation

**Minyu YIN** (Gachon University, Korea), Sang Bo KIM, Sang Jik KWON, Eou-Sik CHO

EMP-P1-106  Low resistance transparent TiO$_2$/Ag/VO$_x$ multilayer films on flexible substrate by E- Beam evaporation

**Cheng-Hsiung PENG, Pang Shiu CHEN** (MingHsin University of Science and Technology, Taiwan), Tze-Wei LIN, S. W. LEE

EMP-P1-107  Variation of reflectivity and colour in SnO$_2$/Ag/SnO$_2$ structure with Nb$_2$O$_5$ and SiO$_2$ index matching layer

**Sang-Moo YOON** (Chungbuk National University, Korea), Gun-Eik JANG

EMP-P1-108  Structural influence of Al-doped zinc oxide thin films on nano-textured silicon substrate by RF magnetron sputtering

**Sei Gi Ryu** (Chonbuk National University, Korea), Hyung Yong JI, Bhaskar PARIDA, Myeong Jun KIM, Jong Hyeon PECK, Keunjoo KIM

EMP-P1-109  Direct ohmic contact to deep UV LEDs using highly transparent AlN electrodes

**Taeho LEE** (Korea University, Korea), Dae Yun KANG, Ju Hyun PARK, Kyoeng Heon KIM, Byeong Ryong LEE, Tae Geun KIM

EMP-P1-110  Effects of molybdenum oxide interfacial layer on contacts between conducting oxides and p-type silicon

**Gyujin OH** (Hanyang University, Korea), Eun Kyu KIM