

The Korean Physical Society

# 한국 물리학회 회보

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2014

봄 학술논문발표회 및  
제 90회 정기총회

2014. 4. 23(수)~25(금)  
대전컨벤션센터

2014년 4월 24일 목요일 14:00 - 15:45

장소: 포스터발표장

## P3-E068\*

**Growing of ZnO nanosheets, nanosheets assembled hollow sphere, and hollow hierarchical aggregates using trisodium citrate-assited in hydrothermal process** / HAHN Sung Hong, KHOA Nguyen Tri, KIM Soon Wook, THUAN Doan Van, YOO Dae-Hwang(University of Ulsan, Department of Physics.)

## P3-E069\*

**Study on MoS<sub>2</sub>-WSe<sub>2</sub> heterostructure** / VU Quoc An, LEE Si Young, DUONG Dinh Loc, CHAE Sang Hoon, LEE Young Hee(IBM 나노구조물리연구단 성균관대학교.)

## P3-E070\*

**Novel synthesis of Na-doped p-type ZnO by intercalation and fabrication of thickness controllable n-type ZnO / Na-doped p-type ZnO** / 오심건, 강대준(Department of Physics, Institute of Basic Science, SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University, Korea.)

## P3-E071\*

**Fabrication of diode arrays of ZnO/pGaN on flexible fiber sheet / ABBAS Kaleem, 강대준**(Department of Physics, Institute of Basic Science, SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University, Korea.)

## P3-E072\*

**SPR Enhanced Superefficient ZnTe/ZnO/Ag Nanoganoderma Structure as a UV-Vis Light Photocatalyst** / YAN Changzeng, 강대준(Department of Physics, Institute of Basic Science, SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University, Korea.)

## P3-E073\*

**MoS<sub>2</sub> field-effect-transistor using graphene electrode / 장아람, 강대준**(Department of Physics, Institute of Basic Science, SKKU Advanced Institute of Nanotechnology, Sungkyunkwan University, Korea.)

## P3-E074\*

**Various Metal Contacts on Molybdenum Disulfide Thin Film** / KIM Jung Ho, LEE Young Hee, LIM Seong Chu(IBM 나노구조물리연구단 성균관대학교.)

## P3-E075\*

**2-D Solid State Hydrogen Molecules in Layered Structure**

**Potassium Intercalated Graphite Oxide** / LEE Tae Hoon, KIM Tae Hyung, LEE Young Hee(IBM 나노구조물리연구단 성균관대학교.)

## P3-E076\*

**Mechanical Properties Of Suspended H-BN Ribbons** / KIM hakseong, YOON Ho-Ang, YOU Young-Gyu, CHOI Doo-Hua, KIM Hyun-Cheol, LEE Han-Byeol, JHANG Sung-Ho, CHUNG Hyun-Jong, LEE Sang-Wook(Division of Quantum Phases & Devices, School of Physics, Konkuk University.)

## P3-E077\*

**Electrical Characterization of Nanoscale Au/TiO<sub>2</sub> Schottky Diodes Probed with Conductive Atomic Force Microscopy** / 이현수, 이영근, 배새벽<sup>1</sup>, 박정영(KAIST, <sup>1</sup>경상대학교.)

## P3-E078\*

**초점 전자빔을 조사한 rubrene 나노막대의 광학적 광수송 특성 연구 / 박현정, 김민수<sup>1</sup>, 김정용<sup>2</sup>, 주진수(고려대학교 물리학과, <sup>1</sup>IBS센터 나노구조 물리단, <sup>2</sup>성균관대학교 에너지과학과.)**

## P3-E079\*

**Large-area Synthesis of Vertically Oriented Zinc Oxide Hexagonal Nanotube-Rod Hybrids Applying a Two-Step Growth Method** / KIM Sungwoong, LEE Won Woo, KIM Suhan, KIM Seong Been, PARK Won Il(한양대학교 신소재공학과.)

## P3-E080\*

**Electrical Resistivity of Bismuth Telluride Nanotubes prepared by Galvanic Displacement Reaction of Electrodeposited Cobalt Nanowires** / 홍기민, 서호영, 노진성(충남대학교, 물리학과.)

## P3-E081\*

**Detection of Lateral Spin Transport in Organic Materials using Non-local Geometry** / YUN Hoyeol, KIM Dong-Ok<sup>1</sup>, AHN Kwangseok<sup>1</sup>, LEE Dong Ryeol<sup>1</sup>, LEE Sang Wook(Division of Quantum Phases & Devices, School of Physics, Konkuk University, <sup>1</sup>Department of Physics, Soongsil University.)

## P3-E082\*

**Observations of Topological Insulator characteristic in Sb<sub>2</sub>Te<sub>3</sub> thin film by sputtering method** / JIN Hyunwoo, HWANG Inrok, SEO Juhee, CHOI Jaemin, KIM Changyoung<sup>1</sup>, LEE Suyoun, PARK Baeho<sup>2</sup>(Korea Institute of Science and Technology (KIST), <sup>1</sup>Department of Physics, Yonsei University, <sup>2</sup>Department of Physics, Konkuk University.)

## P3-E083\*

**Structure, ferroelectric properties, and magnetic properties of**