

The Korean Physical Society

한국 물리학회 회보

2014. 04 제32권 제1호

2014

봄 학술논문발표회 및
제 90회 정기총회

2014. 4. 23(수)~25(금)
대전컨벤션센터

structure: mechanisms and photoinduced properties / HAHN Sung hong, KHOA Nguyen Tri, KIM Soon Wook, THUAN Doan Van, YOO Dae-Hwang(University of Ulsan, Department of Physics.)

EG-40* [11:40-11:55]

Topological Control of Graphene with Artificial DNA Nanostructure / 문영권, 신지훈¹, 박성하, 안중렬(성균관대학교, 물리학과, ¹성균관대학교, SAINT.)

EG-41* [11:55-12:10]

Multi-Color Optical Waveguide using Blue-light-emitting Organic Nanowire Hybridized with Quantum Dots: Application to Remote Bio-sensing / CHO Eun Hei, KIM Bong-Gi¹, LEE Jubok², PARK Dong Hyuk³, JEON Sumin⁴, LEE Kwang-sup⁴, KIM Jinsang¹, KIM Jeongyong², JOO Jinsoo(Department of Physics, Korea University. ¹Macromolecular Science and Engineering, University of Michigan. ²IBS Center for Integrated Nanostructure Physics, Sungkyunkwan University. ³Division of Nano-systems Engineering, Inha University. ⁴Department of Advanced Materials, Hannam University.)

EG-42* [12:10-12:25]

The role of grain boundaries in $\text{Cu}_2\text{ZnSn}(\text{S,Se})_4$ and $\text{Cu}(\text{In,Ga})\text{Se}_2$ thin-film by Kelvin probe force microscopy / 김지영, 김주리, 조월림, 손대호, 양기정¹, 김대환², 조현준³, 강진규⁴(이화여대 물리학과, ¹DGIST.)

EG-43* [12:25-12:40]

Direct Aqueous Dispersion of Carbon Nanotubes with Polyelectrolyte / SIM Yumin, SEONG Maeng-Je(Chung-Ang University, Department of Physics.)

SESSION F

통계물리학과

2014년 4월 23일(수) 통계물리학과 학회 구두 발표

[FG1] 통계물리학과 학회 General Session: 통계역학

2014년 4월 23일 수요일 11:00 - 12:15

장소: 201호

좌장: 박수찬 가톨릭대

FG-01 [11:00-11:15]

Brownian Particle Under A Dragged Harmonic Potential / NOH Jae Dong, PARK Jong-Min(University of Seoul, physics.)

FG-02 [11:15-11:30]

Integral Fluctuation Theorem for Hidden Entropy Production / BAEK Yongjoo, HA Meesoon¹, JEONG Hawoong², PARK Hyunggyu³(Natural Science Research Institute, KAIST. ¹Department of Physics Education, Chosun University. ²Department of Physics, KAIST. ³School of Physics, KIAS.)

FG-03* [11:30-11:45]

Entropy production in systems with slow and fast variables / NOH Jae Dong, CHUN Hyun-Myung(University of Seoul.)

FG-04 [11:45-12:00]

Decomposition of Lippmann-Schwinger solution set and complex eigenstates / KIM Sungyun(호서대학교.)

FG-05 [12:00-12:15]

On community detection using q-state Potts model / 이재성, 황성민, 강병남¹, 여준현², 김두철(고등과학원. ¹서울대학교. ²건국대학교.)

[FG2] 통계물리학과 학회 General Session: 통계물리학의 연구 동향 I

2014년 4월 23일 수요일 13:00 - 14:30

장소: 201호

좌장: 노재동 서울시립대

FG-07(초) [13:00-13:30]

Fluctuation Relations for Spintronics / LIM Jong Soo, LÓPEZ Rosa¹, SÁNCHEZ David¹(School of Physics, Korea Institute for Advanced Study. ¹Institut de Física Interdisciplinar i de Sistemes Complexos IFISC (CSIC-UIB).)

FG-08(초) [13:30-14:00]

Multiplex networks: introducing a new layer of complexity / 고광일(고려대학교 물리학과.)