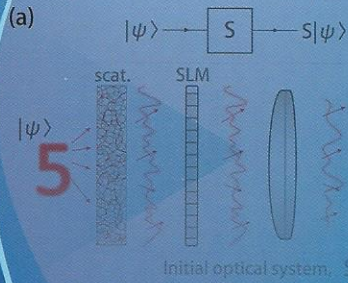


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제34권 제1호

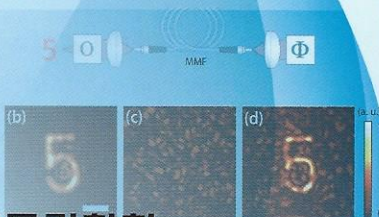
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한국 물리학회 회보

2016 봄학술논문발표회
및 제92회 정기총회

2016.4.20(수)~22(금)
대전컨벤션센터



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The Korean Physical Society

/ 여환선, 심영출, 임승혁, 조종희, 김영민, 조용훈*(한국과학기술원 물리학과)

F2.03* [16:36-16:48]

Carbon nanotube intermediate layer for stress-relaxed Si-doped GaN of InGaN/GaN light-emitting diodes / 이건희¹, 박아현¹, S. Chandramohan¹, 서태훈², 민경현¹, 김희수¹, 여동규¹, 김명중², 서은경¹*(¹School of semiconductor and Chemical Engineering, Chonbuk National University, ²Soft Innovative Materials Research Center, Korea Institute of Science and Technology)

F2.04* [16:48-17:00]

Single photon emission from an InGaN/GaN single quantum-dot embedded in a nano-pyramid structure / CHO Jong-Hoi, KIM Y.M., YEO Hwan-Seop, LIM Seung-Hyuk, KIM Sejeong, GONG Su-Hyun, CHO Yong-Hoon*(Department of Physics and KI for the NanoCentury, Korea Advanced Institute of Science and Technology)

F2.05* [17:00-17:12]

Fabrication of GaN Ring Structure using Wet Etching Techniques and Their Mechanism / SIM Young-Chul, LIM Seung-Hyuk, YOO Yang-Seok, CHO Yong-Hoon*(Department of Physics and KI for the NanoCentury, KAIST, Daejeon, Republic of Korea)

F2.06* [17:12-17:24]

Enhanced optical absorption of Si wafers with plasmonic Ag heptamer nanocluster arrays / KIM Sujung, CHO Yuna, SOHN Ahurm, KIM Dong-Wook*(Department of Physics, Ewha Womans University, Seoul, 120-750, Korea)

F2.07* [17:24-17:36]

Enhanced electron mobility in epitaxial (Ba,Lu)SnO₃ films on BaSnO₃(001) substrates / 이용재¹, 김형준¹, 손이곤¹, 김태훈¹, 박주영¹, 박완서², 정현학², 이택학³, 김진혁³, 최기영¹, 김기훈¹*(¹서울대학교 물리천문학부 첨단 복합물질상태연구단, ²서울대학교 물리천문학부 응용물리연구소, ³전남대학교 신소재공학부)

F2.08 [17:36-17:48]

Effect of indium tin oxide layer on ohmic contact to p-type Si for AlZnO/ZnTe:Cr/p-Si solar cells / 이경수, 오규진, 김은규*(한양대학교 물리학과)

[F3-ap] Organic electronics and Photonics II & Applied Physics
Awardee Lecture

2016년 4월 21일 목요일 16:00 - 17:48

장소: 103호

좌장: 이연진 연세대

F3.01* [16:00-16:12]

The effect of silver grid size between PET substrate and graphene transparent electrodes for flexible organic solar cells / CHA Myoung Joo¹, KIM Sung Man², WALKER Bright², SEO Jung Hwa*¹, KANG Seong Jun*³ (¹Department of Materials Physics Dong-A University, ²School of Energy and Chemical Engineering Ulsan National Institute of Science and Technology, ³Department of Advanced Materials Engineering for Information and Electronics Kyung Hee University)

F3.02* [16:12-16:24]

Improved performance of n-type organic field-effect transistors with a non-conjugated polyelectrolyte layer / PARK Yu Jung¹, CHA Myoung Joo¹, CHO Shinuk², WALKER Bright², SEO Jung Hwa*¹ (¹Department of Materials Physics Dong-A University, ²Department of Physics and EHSRC University of Ulsan, ³School of Energy and Chemical Engineering Ulsan National Institute of Science and Technology)

F3.03* [16:24-16:36]

Electronic structure of potassium-doped copper phthalocyanine studied by photoemission spectroscopy and density functional theory / KIM Jong Hoon, IM Yeong Ji, JI Dong Hyun, AHN Sun Woo, RYU Bo Kyung, RYU Sim Hee, CHO Sang Wan*(Department of Physics Yonsei University)

F3.04* [16:36-16:48]

Preparation and analysis of carbonized organic materials / 이주호, 임은주*(단국대학교 창의융합제조공학과/과학교육학과)

F3.05* [16:48-17:00]

Characterization of PI:PCBM organic nonvolatile resistive memory devices at elevated temperature / KIM Youngrok¹, YOO Daekyoung¹, JANG Jingon¹, SONG Younggul¹, JEONG Hyunhak¹, CHO Kyungjune¹, HWANG Wang-Taek¹, LEE Woocheol¹, KIM Tae-Wook*², LEE Takhee*¹ (¹Department of Physics and Astronomy Seoul National University, ²Soft Innovative Materials Research Center, Korea Institute of Science and Technology)

F3.06 [17:00-17:12]

Signal Transfer Characteristics of Surface Enhanced Raman Scattering (SERS) of Organic Crystalline Microrod and Bio-sensing Application / 조성기¹, 김정용², 김진상³, 주진수*¹ (¹고려대학교 물리학과, ²성균관