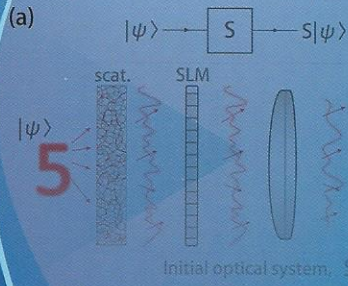


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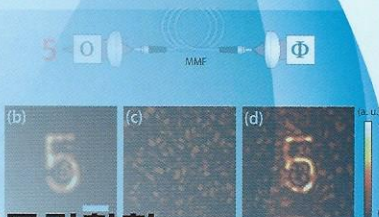
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# 한국 물리학회 회보

2016 봄학술논문발표회  
및 제92회 정기총회

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**KPS** 한국물리학회  
The Korean Physical Society

<sup>2</sup>Nanomaterial Graduate Program, Yonsei University)

P2-ap.207\*

**Nonlocal Photoluminescence of Organic Hybrid of Rubrene Microrods and Gold Nanoparticles: Applications Remote Bio-sensing** / 황형석<sup>1</sup>, 이주복<sup>2</sup>, 김정용<sup>2</sup>, 주진수\*<sup>1</sup>(<sup>1</sup>고려대학교 물리학과, <sup>2</sup>성균관대학교 에너지과학과)

P2-ap.208

**Morphological Evolution of Organic Micro/Nanostructures for Light-Emitting Devices** / KWAK Dong Wook<sup>1</sup>, LEE Dong Jin<sup>2</sup>, KIM Byeong Guk<sup>3</sup>, KWON Sang Woo<sup>4</sup>, CHO San Eun<sup>5</sup>, CHO Hoon Young\*<sup>6</sup>(<sup>1</sup>Anthracene Gesellschaft, <sup>2</sup>Anthracene Gesellschaft, <sup>3</sup>Anthracene Gesellschaft, <sup>4</sup>Department of Physics Dongguk University, <sup>5</sup>Department of Physics Dongguk University, <sup>6</sup>Department of Physics Dongguk University)

P2-ap.209\*

**Optical Properties on Thin Films Blended with poly[2-methoxy-5-2(2'-ethylhexy)-p-phenylenevinylene] for Fluorescent Devices** / KWON Sangwoo, CHO Sang Eun, LEE Dongwha, CHO Hoon Young\* (Department of Physics, Dongguk University)

P2-ap.210\*

**Fundamental and Intrinsic Properties of Perovskite CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> and CH<sub>3</sub>NH<sub>3</sub>PbBr<sub>3</sub> Single Crystals** / WOO Won Seok<sup>1</sup>, AHN Chang Won<sup>1</sup>, KOO Tae-Yeong<sup>2</sup>, SHIN Hong kee<sup>3</sup>, CHO Shinuk<sup>1</sup>, KIM Ill Won\*<sup>1</sup>(<sup>1</sup>Department of Physics and EHSRC, University of Ulsan, <sup>2</sup>Pohang Accelerator Laboratory, <sup>3</sup>Department of Physics, Daejin University)

P2-ap.211

**정공 주입층 MoO<sub>3</sub>가 유기 발광 소자의 전기 발광 특성에 미치는 효과** / 오정은<sup>1</sup>, 서지동<sup>1</sup>, 조호근<sup>1</sup>, 김혜림<sup>1</sup>, 송민중<sup>2</sup>, 김태완\*<sup>1</sup>(<sup>1</sup>홍익대학교 정보디스플레이 공학과, <sup>2</sup>광주보건대학교 의료정보공학과)

P2-ap.212\*

**The electrical properties of methylbenzenethiol versus benzenedithiol with PEDOT:PSS interlayer-electrode molecular devices** / JEONG Inho<sup>1</sup>, HWANG Wang-Taek<sup>2</sup>, JANG Yeonsik<sup>2</sup>, JEONG Hyunhak<sup>2</sup>, KIM Dongku<sup>2</sup>, LEE Takhee<sup>2</sup>, SONG Hyunwook\*<sup>1</sup>(<sup>1</sup>Department of Applied Physics, Kyung Hee University, <sup>2</sup>Department of Physics and Astronomy, Seoul National University)

P2-ap.213

**엘립소메터를 이용한 비등방성 물질 (B4PyMPM) 의 분자 배열과 광학적 특성에 관한 연구** / 조호근<sup>1</sup>, 서지동<sup>1</sup>, 오정은<sup>1</sup>, 김혜림<sup>1</sup>, 이원재<sup>2</sup>, 김태완\*<sup>1</sup>(<sup>1</sup>홍익

대학교 정보디스플레이공학과, <sup>2</sup>가천대학교 전자공학과)

P2-ap.214\*

**Enhanced thermoelectric performance of glassy carbon thin films by e-beam irradiation.** / OH Inseon<sup>1</sup>, JO Junhyeon<sup>1</sup>, PARK Jungmin<sup>1</sup>, JIN Mi-Jin<sup>1</sup>, LEE Jongmin<sup>2</sup>, SHIN Heungjoo<sup>2</sup>, YOO Jung-Woo\*<sup>1</sup>(<sup>1</sup>School of Materials Science and Engineering UNIST, <sup>2</sup>School of Mechanical Engineering UNIST)

P2-ap.215

**Correlation between structural and thermoelectric performance crossover in conducting polymer** / JO Junhyeon, OH Inseon, JIN Mi-Jin, YOO Jung-Woo\* (Ulsan National Institute of Science and Technology (UNIST))

P2-ap.216\*

**유기 발광 소자에서 F-SAM 박막의 정공 주입 영향과 발광 효율 특성** / 김혜림<sup>1</sup>, 서지동<sup>1</sup>, 오정은<sup>1</sup>, 조호근<sup>1</sup>, 홍진웅<sup>2</sup>, 김태완\*<sup>1</sup>(<sup>1</sup>홍익대학교 정보디스플레이 공학과, <sup>2</sup>광운대학교 전기공학과)

P2-ap.217\*

**The nanostructure evolution of ZnPc thin films during thermal process under the C60 & C70** / KEUM Hee-Sung<sup>1</sup>, LEE Si Woo<sup>1</sup>, CHOI Min-Soo<sup>2</sup>, KIM Jang-Joo<sup>2</sup>, LEE Hyun Hwi\*<sup>3</sup>, KIM Hyo Jung\*<sup>1</sup>(<sup>1</sup>Department of Organic Material Science and Engineering, Pusan National University, <sup>2</sup>Department of Materials Science and Engineering and the Center for OLED, Seoul National University, <sup>3</sup>Pohang Accelerator Laboratory, POSTECH)

P2-ap.218\*

**Development of Microbial Battery on Carbon Nanomaterials** / 안성진, 임은주\* (단국대학교 창의융합제조공학과)

P2-ap.219

**Investigation of the highly sensitive critical mode in Ulam spiral photonic structure** / 지민정, 노희소\* (국민대학교 물리학과)

P2-ap.220

**Effects of atomic hydrogen exposure on light emission of Si nanocrystals** / YOON Jisang, JANG Sunjong, YOON Jonghwan\* (Department of Physics, Kangwon National University)

P2-ap.221\*

**Switchable Photovoltaic Effects in Hexagonal Manganite Thin Films Having Narrow Optical Band Gaps** / HAN Hyeon, SONG Seung-Woo, LEE June Ho, JANG Hyun Myung\* (Department of Materials Science and Engineering, and Division of Advanced Materials Science, POSTECH)

P2 포스터 세션