



제25회 한국반도체학술대회

The 25th Korean Conference on Semiconductors

2018년 2월 5일(월)-7일(수), 강원도 하이원리조트 컨벤션 호텔

2018년 2월 7일(수), 16:15-17:30

Room H (청옥, 6층)

J. Nano-Science & Technology 분과

[WH4-J] General Nano Technology

좌장: 김수영 교수(중앙대학교)

<p>WH4-J-1 16:15-16:30</p>	<p>Fabrication of Ag/ZnO Core/Shell Nanoparticles by Rotational Atomic Layer Deposition and Their Enhanced Photocatalytic Properties Sejong Seong¹, Yong Chan Jung¹, Taehoon Lee¹, Seonyong Kim¹, In-Sung Park^{1,2}, and Jinho Ahn^{1,2} <i>¹Division of Materials Science and Engineering, Hanyang University, ²Institute of Nano Science and Technology, Hanyang University</i></p>
<p>WH4-J-2 16:30-16:45</p>	<p>Flexible Phase Change Memory Patterned by Block Copolymer Self-Assembly Gyeong Cheol Park, Beom Ho Mun, and Keon Jae Lee <i>Department of Materials Science and Engineering, KAIST</i></p>
<p>WH4-J-3 16:45-17:00</p>	<p>Influence of Self-Heating Effect on Interface Trap Generation in Highly Flexible Single-Crystalline Si Nanomembrane Transistors Jae Hoon Bong¹, Seung-Yoon Kim¹, Chan Bae Jeong², Ki Soo Chang², Wan Sik Hwang³, and Byung Jin Cho¹ <i>¹School of Electrical Engineering, KAIST, ²Division of Scientific Instrumentation, Korea Basic Science Institute, ³Department of Materials Engineering, Korea Aerospace University</i></p>
<p>WH4-J-4 17:00-17:15</p>	<p>Mechanical and Electrical Reliability of NMP Optimized Flexible Si CMOS IC Seung-Yoon Kim¹, Cheolgyu Kim², Jae Hoon Bong¹, Wan Sik Hwang³, Taek-Soo Kim², Jae Sub Oh⁴, and Byung Jin Cho¹ <i>¹School of Electrical Engineering, KAIST, ²Department of Mechanical Engineering, KAIST, ³Department of Materials Engineering, Korea Aerospace University, ⁴Department of Nano-process, NNFC</i></p>
<p>WH4-J-5 17:15-17:30</p>	<p>Y₃Al₅O₁₂:Ce³⁺ (YAG:Ce³⁺)형광판 위 은 나노 입자를 포함한 이차원 광 결정 형성하여 백색 발광 다이오드 발광 효율 개선 김효준¹, 박인성², 고기영³, 안진호^{1,2} <i>¹한양대학교, 신소재공학과, ²한양대학교 나노반도체공학과, ³한국특허정보원</i></p>