

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

K. Memory (Design & Process Technology) 분과

Room J

청옥 I (6층)

2016년 2월 24일(수) 08:30-10:00

[WJ1-K] Unconventional Approaches in Memory Research

좌장 : 권용우(홍익대학교), 백인규(삼성전자)

-
- | | | |
|---------|-------------|--|
| WJ1-K-1 | 08:30-08:45 | Investigation of A-IGZO TFT Based 1T-1R Resistive Switching Memory for System on Panel Application
Il-Jin Baek and Won-Ju Cho
<i>Department of Electronic Materials Engineering, Kwangwoon University</i> |
| WJ1-K-2 | 08:45-09:00 | Hybrid Resistive Switching Memory Based on Solution-Processed Organic-Inorganic Blended Thin Film
Jae-Won Lee and Won-Ju Cho
<i>Department of Electronic Materials Engineering, Kwangwoon University</i> |
| WJ1-K-3 | 09:00-09:15 | Resistive Switching Property of TiN/SiN_x/Pt Device
Dae Eun Kwon, Jung Ho Yoon, Seul Ji Song, Jun Yeong Seok, Kyung Jean Yoon, Tae Hyung Park, Hae Jin Kim, Xinglong Shao, Yoo Min Kim, Young Jae Kwon, and Cheol Seong Hwang
<i>Department of Materials Science and Engineering and Inter-university Semiconductor Research Center, Seoul National University</i> |
| WJ1-K-4 | 09:15-09:30 | Effects of Ambient and Photo-illumination on Electrical Characteristics in The γ-Fe₂O₃ Nanoparticle Assembly-Based Memristors
Daehyun Ko ¹ , Jun Tae Jang ¹ , Yoon-Jae Baek ² , Sung-Jin Choi ¹ , Dong Myong Kim ¹ , Chi Jung Kang ³ , Tae-Sik Yoon ² , Hyun-Sun Mo ¹ , and Dae Hwan Kim ¹
<i>¹School of Electrical Engineering, Kookmin University, ²Department of Materials Science and Engineering, Myongji University, ³Department of Physics, Myongji University</i> |
| WJ1-K-5 | 09:30-09:45 | A Capacitorless 1T-DRAM Cell on Independent Double-gate FinFET
Jungmin Han, Bongsik Choi, Jinsu Yoon, Juhee Lee, Minsu Jeon, Yongwoo Lee, Jieun Lee, Dong Myong Kim, Dae Hwan Kim, and Sung-Jin Choi
<i>Electrical Engineering, Kookmin University</i> |
| WJ1-K-6 | 09:45-10:00 | The NiO Based Flexible Nanoscale ReRAM by The Direct Nanoimprint
Soo-Jung Kim ¹ , Sung-Hoon Hong ² , and Heon Lee ¹
<i>¹Department of Materials Science and Engineering, Korea University,</i> |

The 23rd Korean Conference on Semiconductors (KCS 2016)

제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

*²Energy Harvesting Devices Research Section, Electronics and
Telecommunications Research Institute*