

# 제23회 한국반도체학술대회

2016년 2월 22일(월)-24일(수), 강원도 하이원리조트

## R. Semiconductor Software 분과

Room K

청옥Ⅱ+Ⅲ(6층)

2016년 2월 23일(화) 10:40-12:40

[TK2-R] Little More Faster, and Even Better Reliability

좌장 : 김재호(UNIST), 백승재(단국대학교)

---

|         |             |                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TK2-R-1 | 10:40-10:55 | <b>Effectiveness of SSDs for MapReduce Workloads on Virtualized Environment</b><br>Sungyong Ahn, Jae-Ki Hong, Sangkyu Park, and Wooseok Chang<br><i>DS Software R&amp;D Center, Samsung Electronics Co., Ltd.</i>                                                                                                                                                                    |
| TK2-R-2 | 10:55-11:10 | <b>이동형 저장장치의 데이터 접근 이벤트 로깅 기법</b><br>손주형, 구성민, 백승재, 최종무<br><i>단국대학교 소프트웨어학과</i>                                                                                                                                                                                                                                                                                                      |
| TK2-R-3 | 11:10-11:25 | <b>Evaluating the Performance of NVM-added Systems with TUNA NVM-H2</b><br>Jisun Kim and Hyokyung Bahn<br><i>Ewha Womans University</i>                                                                                                                                                                                                                                              |
| TK2-R-4 | 11:25-11:40 | <b>Flash Emulator for Program/Read Disturbance Analysis</b><br>Daeyeon Son, Donghwa Seo, Sewook Kim, and Jongmoo Choi<br><i>Department of Computer Science, Dankook University</i>                                                                                                                                                                                                   |
| TK2-R-5 | 11:40-11:55 | <b>플래시 기반 스토리지를 위한 파일시스템 유형별 워크로드 분석</b><br>Beaeyeop Kim <sup>1</sup> , Byungjun Jeon <sup>1</sup> , Eunji Lee <sup>1</sup> , and Hyokyung Bahn <sup>2</sup><br><i><sup>1</sup>Chungbuk National University, <sup>2</sup>Ewha University</i>                                                                                                                                         |
| TK2-R-6 | 11:55-12:10 | <b>Improving SSD Performance in Sensor Network Environment</b><br>Sungmin Koo <sup>1</sup> , Junkee Yoon <sup>1</sup> , Jae Ho Kim <sup>2</sup> , and Jung Kyu Park <sup>1</sup><br><i><sup>1</sup>Department of Computer Engineering, Dankook University,<br/><sup>2</sup>Department of Electrical and Computer Engineering, Ulsan National Institute of Science and Technology</i> |
| TK2-R-7 | 12:10-12:25 | <b>A Context-aware Page Replacement Policy for PCM-based Swap Devices</b><br>Yunjoo Park and Hyokyung Bahn<br><i>Department of Computer Science and Engineering, Ewha Womans University</i>                                                                                                                                                                                          |
| TK2-R-8 | 12:25-12:40 | <b>Retention Error Analysis Platform for Semiconductor Memory</b><br>Donghwa Suh, Daeyon Son, Sewook Kim, and Jongmoo Choi<br><i>Department of Computer Science, Dankook University</i>                                                                                                                                                                                              |