

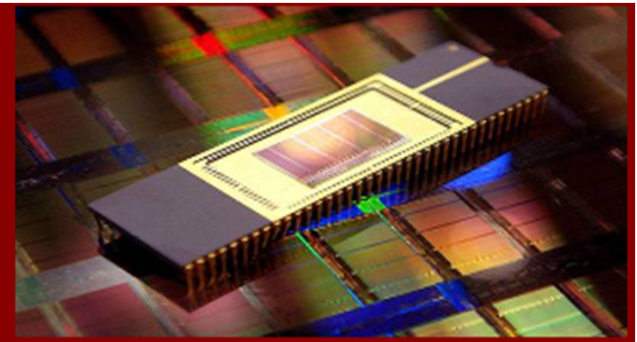
DAMO Session

2013년 10월 24일

1:00 ~ 2:00 PM

NVRAMOS 2013

Operating System Support for
Next Generation Large Scale NVRAM
Organized by KIISE, October 24 - 26, 2013, Jeju, Korea



About Speakers

- the-aio 권진형 대표님
 - ✓ “Leading Next Storage era Through Vertical Optimization”

- EF Tech 이성우 대표님
 - ✓ “플래시 스토리지 성능 평가”

- TLi 정재욱 팀장님
 - ✓ “Data corruption in even/odd bit-line NAND Architecture”

- Paxdisk 이대희 대표님
 - ✓ “팍스디스크 FoggyMatrix 프로세서”

Program

■ 24일

24th, October: Regency Ballroom

Time	Subject	Speaker
11:00 - 18:00	Registration	
13:00 - 14:00	DAMO session: <i>Noticeable SSD Companies in Korea</i> (Moderator: Prof. Jongmoo Choi) • TLI • the-aio • PaxDisk • EF Tech	
14:00 - 14:40	Keynote Speech: <i>Future of the Virtualization SW and Preparing for Building Big Data SW Infrastructure</i>	Jeonghan Kim (Samsung Elec.)
14:40 - 15:10	Coffee Break	
15:10 - 15:50	<i>Improving NAND Endurance by Dynamic Program and Erase Scaling</i>	Jihong Kim (Seoul National Univ.)
15:50 - 16:30	<i>Database acceleration with flash memory</i>	Bongki Moon (Seoul National Univ.)
16:30 - 17:10	<i>Various page clustering techniques for performance consistency of NAND flash-based storage devices</i>	Jaehyuk Cha (Hanyang Univ.)
17:20 - 18:00	Walking Together Around the Hyatt	
18:00 - 20:00	Workshop Dinner	

Program

■ 25일

25th, October: Regency Ballroom

Time	Subject	Speaker
9:00 - 14:00	Registration	
9:00 - 9:40	<i>PCIe SSD Technology in Practice</i>	Hojun Shim (Samsung Elec.)
9:40 - 10:20	<i>UFS vs. eMMC: Who is winner in mobile world within next few years?</i>	Minyoung Eom (LG Elec.)
10:20 - 10:40	Coffee Break	
10:40 - 11:20	<i>HIL: an FTL design framework with provably-correct crash recovery</i>	Eyee Hyun Nam (SK Telecom)
11:20 - 12:00	<i>Memory 3.0 (Three dot O)</i>	Sangyeun Cho (Samsung Elec.)
12:00 - 13:30	Workshop Lunch & Walking Together	
13:30 - 14:10	<i>Unioning of the Buffer Cache and Journaling Layers with Non-volatile Memory</i>	Hyokyung Bahn (Ewha Womans Univ.)
14:10 - 14:50	<i>New Interface Design for New NVRAM Storage</i>	Heon Young Yeom (Seoul National Univ.)
14:50 - 15:20	Coffee Break	
15:20 - 16:00	<i>IO Stack Optimization for Smartphones</i>	Youjip Won (Hanyang Univ.)
16:00 - 16:40	<i>Developing a Prototyping Board for Emerging Memory</i>	Sungjoo Yoo (POSTECH)