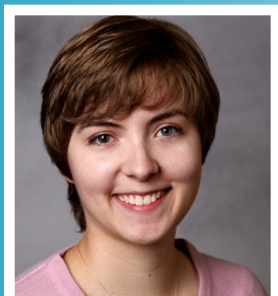




Laura Grupp & Steve Swanson in Computerworld Article



As the circuitry of NAND flash-based, solid-state drives shrinks, performance drops precipitously -- meaning the technology could be doomed, according to new research. At the 10th Usenix Conference on File and Storage Technologies, CSE Grad, Laura Grupp states that, "as NAND flash densities increase, so do issues such as read and write latency and data errors. Laura Grupp, along with CSE Professor Steven Swanson, director of UCSD's Non-Volatile Systems Laboratory, and John Davis of Microsoft Research, tested 45 different NAND flash chips that ranged in size from 72 nanometer (nm) circuitry to today's 25nm technology. The chips came from six vendors. The tests revealed that the program speed (write speed) for pages in a flash block suffered dramatic and predictable variations in latency. To read more about Laura Grupp and Steve Swanson, go to this link. http://www.computerworld.com/s/article/9224322/SSDs_have_a_bleak_future_researchers_say?taxonomyId=19&pageNumber=1

CSE WEEKLY NEWSLETTER



Serge Belongie
On March 6, Serge will be giving a Tech Talk at Google LA.



Keith Marzullo
From March 5 – 9, Keith will be in San Diego and in the CSE Department.



Gary Cottrell
On March 6 – 8, Gary will be traveling to Washington, DC for the IES PI's meeting.



Stefan Savage
On February 27-28, Stefan will be traveling to San Francisco. He will be traveling to eFraud Global Forum and to the RSA Conference Cryptographers Panel.

CSE VISIT DAY

March 8th and 9th

Thursday, March 8

- 9:00 AM: Breakfast with the Dept. (Room 1202)
- 10:00 AM: Welcome Session (Room 1202)
- 10:30 AM: One-on-One Meetings and Group Presentations
- 12:00 PM: Lunch at the UCSD "15" Village Tower
- 2:00 PM: One-on-One Meetings and Group Presentations
- 6:00 PM: Dinner Event at Scripps Seaside Forum

Friday, March 9

- 8:30 AM: Breakfast with the Dept. (Room 1202)
- 9:00 AM: One-on-One Meetings & Group Presentations
- 12:30 PM: Beach BBQ at La Jolla Shores
- 2:30 PM: Prospective Student Departure