

SNIA Symposium!

On January 21, during the SNIA Symposium in San Jose, SSSI held its annual members meeting. We had a few people participating via phone, but we still managed to fill the room. It's always fun to meet people F2F and put faces on names. In the morning, we discussed SSSI finances, membership, accomplishments in 2014, and plans for 2015. We also heard from our three affiliated TWGs about what they're doing and future plans. In the afternoon, we had a series of presentations on SSD-related topics ranging from M.2 to PCIe to SAS. Best of all, it was very interactive, with questions and comments flowing back and forth. Members may access the slides at <https://members.snia.org/apps/org/workgroup/sssi/documents.php> in the F2F Meeting Presentations folder.

On the evening after our F2F, SNIA held their member recognition event; SSSI and our TWGs walked away with **FIVE** awards! Congrats to all for jobs well done. More details are available at www.snia.org/about/awards.

SSSI is also happy to welcome two new members:

- o Kaminario (www.kaminario.com)
- o Gillware (www.gillware.com)



All Meetings.

- o **General Members** call every other Wednesday at 8:30AM PT
- o **PCIe SSD Committee** meets 2nd Monday of each month at 4PM PT
- o **Marketing Committee** meets the 2nd & 4th Monday of each month at 2PM PT
- o **NVDIMM Special Interest Group** meets every other Friday at 9AM PT
- o **Solid State Storage TWG** meets 3rd Monday of each month at 4PM PT
- o **Solid State Storage System TWG** meets weekly on Tuesday 10AM PT
- o **NVM Programming TWG** meets weekly on Wednesday at 12:00PM PT

For WebEx/dial-in information go to <https://snia.webex.com>



SSSI TechDev Committee

Guest Speaker: Meets on 1st Monday of the month at 2 pm.
Guest speaker next generation NVM storage for Feb. 2, 2015:
Speaker: Barry Hoberman, CEO - Spin Transfer Technologies, Inc.
Topic: "Spin Transfer MRAM - Why It Will Soon Become Mainstream"

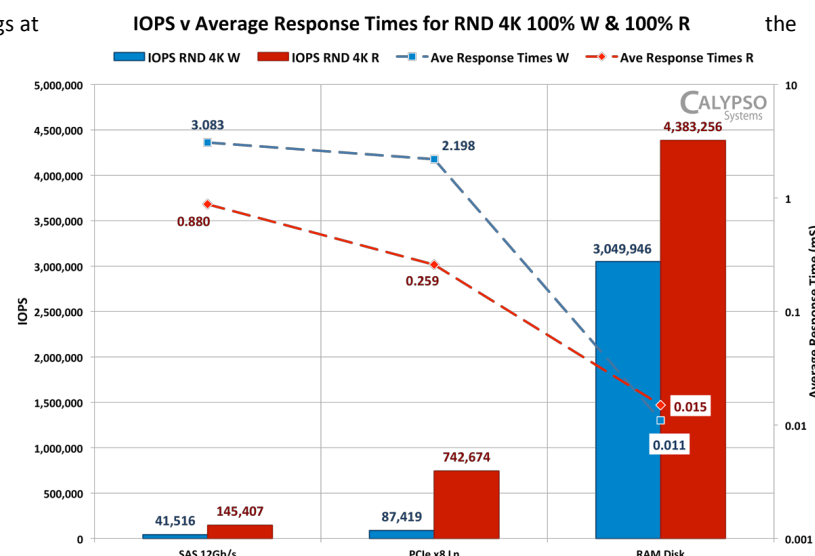
What is Spin Transfer / MRAM and why do I care?
What are the drivers pushing emergence / adoption of Spin Transfer / MRAM?
What are the compelling advantages of Spin Transfer / MRAM?



Calypso measures record breaking IOPS on a single RAM Disk

Calypso reported measuring 3.0 Million and 4.3 Million RND 4K Write & Read IOPS on a single Linux RAM Disk Block IO test. This is reported to be the highest IOPS rate measured by Calypso to date, far in excess of traditional classes of NAND flash storage. RAM Disk Block IO tests are valuable as they show the potential performance of In-memory storage such as NVDIMM Type N Block IO storage and NVM memory mapped Load & Store storage. The latest movement to 'In-memory' storage presents the potential for very high performance for computationally intensive applications and advanced storage tiering strategies. In-memory storage takes advantage of faster memory lanes and closer proximity to the CPU thus increasing performance and decreasing response times.

Calypso will present these findings at Feb. 6, 2015 NVDIMM SIG committee call so you won't want to miss it!



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