

WIN Year 3 Annual Review

Sept 11th
Sept 12th

DAY ONE – 11th September 2008 - The 66 Auditorium at LBNL

8:00 am	Light Breakfast & Registration
8:30 am	Opening from Molecular Foundry Rep
8:45 am	Welcome from Paolo Gargini (Intel Sponsor)
8.50 am	Welcome from Julie Stein (UC Discovery Sponsor)
8:55 am	Welcome from Jeff Welser (NRI Sponsor)
9:00 am	WIN Overview from the Director- Kang L Wang
9.20 am	WIN Integration Landscape – Ajey Jacob (Intel Resident to WIN)
Theme 1 Presentations – Spin Logic Devices	
9.35 am	Spin Hall and Single Spin Devices (D.Awschalom)
10.10 am	Break
10:20 am	Multiferroics Material & Devices (R.Ramesh/J.Orenstein/J.Moore) separate presentation
10.40am	Spin Injection (F.Hellman)
11.00 am	Spin Torque Devices (H.Jiang, I.Krivorotov) separate presentation
11.20 am	Spin Valve and Magnetic Devices (S.Wang)
11.40 am	1D Spintronic Devices (Peidong Yang)
12.00 pm	Lunch
Theme 2 Presentations – Device/Device Spin Coupling	
1.30 pm	Magnetic Dot Logic (Jeff Bokor)
1.50 pm	Magnetically Coupled Systems (Sarah Tolbert)
2.10 pm	Coupled Spin Torque Devices (Jim Harris)
2.30 pm	Spin Waves (A.Khitun / J.Allen / Y.Ackermann) separate presentation
Theme 3 Presentations - Benchmarks and Metrics	
3.00 pm	Benchmarks and Metrics (Eli Yablonovitch)
3.30 pm	Wrap Up - Q&A
4:00 pm	Poster Session (Students to man their posters)
6:00 pm	Dinner

DAY TWO – 12th September 2008 – UC BERKELEY CAMPUS

7:30 am	Light Breakfast
8:00 am	Sponsor (Industry/Government) Caucus—545 Cory Hall-5 th Floor PI Discussion—400 Cory Hall-4 th Floor
10:00 am	Feedback & Discussions (Sponsors and PIs)
11:00 am	Boxed Lunch (for take-out convenience)
Adjourn	