

WIN Year 2 Annual Review

Sept 20th and 21st, 2007

Place: CNSI Building 114 (Auditorium), UCLA, Los Angeles

DAY ONE – 20th September 2007

8:00 am	Light Breakfast & Registration
8:30 am	Opening Comments Vijay Dhir (Dean, UCLA School of Eng. & App.Sci.)
8:35 am	Welcome from Paolo Gargini (Intel Sponsor)
8.45 am	Welcome from Julie Stein (UC Discovery Sponsor)
8:55 am	Welcome from Jeff Welser (NRI Sponsor)
9:05 am	WIN Overview from the Director- Kang Wang
9.25 am	WIN Integration Landscape – Ajey Jacob (Intel Resident to WIN)
	Theme 1 Presentations – Spin Logic Devices
9:40 am	Spin Hall and Single Spin Devices (D.Awschalom)
10:15 am	Nanowire FET Devices (P.Yang/Kang Wang)
10.40 am	Break
11:00 am	Spin Current Amplifier (Y. Acremann, J. Stohr)
11:25 am	Spin Torque Devices (H.Jiang)
12:00 pm	Lunch and Interaction
1.00pm	Magnetic Coupling Structures and Devices (J.Bokor/S. Tolbert)
1.40pm	Multiferroic Materials and Devices (R. Ramesh/J.Orenstein/J.Moore)
	Theme 2 Presentations – Device/Device Spin Coupling
2.20 pm	Magnetic Semiconductors (J.Harris)
2:45 pm	Spin Waves (A. Khitun / J.Allen)
	Theme 3 Presentations - Benchmarks and Metrics
3.15 pm	Benchmarks and Metrics (V.Roychowdhury, E.Yablonovitch)
3.45	Wrap Up - Q&A
4.00 am	Break
4:15- 5:45 pm	Poster Session (Students to man their posters)
6:00 pm	Dinner

DAY TWO – 21st September 2007

8:00	Light Breakfast
8:30 - 10:30am	Sponsor (Industry/Government) Caucus
10:30	Break
11:00 a.m. – 12:30 p.m.	Feedback & Discussions
12:30 pm.	Light Lunch
Adjourn	