

## WIN 2009 4th Year Annual Review

October 8<sup>th</sup> (all expected)

October 9<sup>th</sup> (WIN Exec Team and NRI sponsors)

**Location:** CNSI Building 114 (Auditorium), UCLA, Los Angeles

### DAY ONE - Thursday Oct 8<sup>th</sup> 2009

<b>8:00 am</b>	<b>Light Breakfast &amp; Registration</b>
8.30 am	Opening from Vijay Dhir (Dean, UCLA School of Eng. & Appl. Science)
8.35 am	Welcome from Intel Sponsor (Robert Chau)
8.40 am	Welcome from NRI Sponsor (Jeff Welser)
8.50 am	WIN Overview from the Director – Kang Wang
9.05 am	WIN Integration Landscape – Ajey Jacob (Intel Resident to WIN)
9.25 am	NRI Benchmarking (Kerry Bernstein)
<b>Theme 1 Presentations – Spin Logic Devices</b>	
9.45 am	Spin Hall and Single Spin Devices (D.Awschalom)
<b>10:20 am</b>	<b>Break</b>
10.40am	Spin Current Amplifier (Stohr / Ackermann)
11.00 am	Multiferroics Material & Devices (R.Ramesh/J.Orenstein/J.Moore)
11.30 am	Spin Valve Filters and Spin FET (S.Wang & KL WANG)
12:00 pm	Spin Torque Oscillators and Amplifiers (H.Jiang, I.Krivorotov)
<b>12.20 pm</b>	<b>Lunch</b>
<b>Theme 2 Presentations – Device/Device Spin Coupling</b>	
1.50 pm	Magnetic Dot Logic (Jeff Bokor)
2.10 pm	Magnetically Coupled Systems (Sarah Tolbert)
2.30 pm	Coupled Spin Torque Devices (Jim Harris)
2.50 pm	Spin Waves (A.Khitun / J.Allen / A.Kozhanov)
<b>Theme 3 Presentations – Metrology</b>	
3.20 pm	WIN Metrology Projects (Sanchez/Puffal)
<b>Theme 3 Presentations - Benchmarks and Metrics</b>	
3.40 pm	Benchmarks and Metrics (D.Markovic)
3.55 pm	MQCA Benchmarks (Frederiko/Vwani)
4:10 pm	Reception and Poster Session (Students to man their posters)
<b>6:15 pm</b>	<b>Dinner</b>

### DAY TWO - Friday Oct 9<sup>th</sup> 2009

<b>7:30 am</b>	<b>Light Breakfast</b>
8:00 am	Sponsor (Industry/Government) Caucus
10:00 am	Feedback & Discussions
<b>11:00 am</b>	<b>Boxed Lunch (for take-out convenience)</b>
Adjourn	