

## WIN 2010 5th Year Annual Review

October 7<sup>th</sup> (all expected)

October 8<sup>th</sup> (WIN Exec Team and NRI sponsors)

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

### DAY ONE - Thursday Oct 7<sup>th</sup> 2010

<b>8:00 am</b>	<b>Light Breakfast &amp; Registration</b>
8.40 am	Welcome from Intel Sponsor (Robert Chau)
8.50 am	Welcome from NRI Sponsor (Jeff Welser)
9.00 am	WIN Overview + Plans Going Forward – Kang L. Wang
<b>Theme 1 Presentations – Spin Logic Devices</b>	
9.30 am	Developments in spin Hall and single spin devices (D.Awschalom, A.Gossard E.Hu)
<b>10:00 am</b>	<b>Break</b>
10.30 am	Multiferroics Material & Devices (R. Ramesh)
10.50 am	Spin Filters, Spin FET & Injection (S. Wang, K.L. Wang)
11:30 pm	Spin Torque Oscillators and Amplifiers (H.Jiang, I. Krivorotov)
12:00 pm	Ferroelectric and Multiferroic Tunnel Junctions (A.Gruverman)
<b>12.20 pm</b>	<b>Lunch + Poster Viewing</b>
<b>Theme 2 Presentations – Device/Device Spin Coupling</b>	
1.50 pm	NanoMagnetic Logic (J. Bokor)
2.10 pm	Magnetically Coupled Systems (S. Tolbert)
2.30 pm	Coupled Spin Torque Devices (J. Harris)
2.50 pm	Spin Waves (A. Khitun, A. Kozhanov)
<b>Theme 3 Presentations – Metrology</b>	
3.20 pm	WIN Metrology Projects (Spin Imaging & Thermal Spin Currents) (E. Sanchez/B. Zink)
<b>Theme 3 Presentations - Benchmarks and Metrics</b>	
3.40 pm	Benchmarks and Metrics (D. Markovic)
4.00 pm	MQCA Benchmarks (V. Roychowdhury)
4:20 pm	Reception and Poster Session (Students to man their posters)
<b>6:00 pm</b>	<b>Dinner</b>

### DAY TWO - Friday Oct 8<sup>th</sup> 2010 (only Exec Committee to be present)

<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	

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