

# NRI Architecture & Device Benchmarking Workshop

*Monday, August 9, 2010 • University of Notre Dame, McKenna Hall*

- 8:00 Check-in and continental breakfast
- 8:30 OPENING SESSION – Chair: Alan Seabaugh, *ND*  
Welcome – Kerry Bernstein, *IBM*, and Wolfgang Porod, *ND*  
Introductory comments on behalf of NRI – Jeff Welser, *NRI*  
Introductory comments on behalf of ITRS – Ralph Cavin, *SRC*
- 9:00 Overall NRI Metric Review – Kerry Bernstein, *IBM*  
Discussion, followed by BREAK
- 10:00 SESSION I - Chair: George Bourianoff, *Intel*  
TFET, Alan Seabaugh, et al.  
TFET, Suman Datta et al.  
ExFet, Joerg Appenzeller  
BiSFET and HetTFET, Frank Register and Sanjay Banerjee  
Late Entries and Discussion, followed by BREAK
- 12:00 LUNCH
- 1:30 SESSION II - Chair: Andrew Marshall, *TI*  
NML, Michael Niemier and Jeff Bokor, et al.  
Spinwaves, Alex Khitun and Kang Wang  
ASL, Charles Augustine, Behtash Behin-Aein, and Supriyo Datta  
MTJ, Dejan Markovich  
Late Entries and Discussion, followed by BREAK
- 3:30 SESSION III - Chair: Chun-Yung Sung, *IBM*  
Spin FET, Peter Ye  
Thermal FET, Yong Chen  
Veselago, Ji Ung Lee  
BDD, Vijay Narayanan and Suman Datta  
Late Entries and Discussion, followed by BREAK
- 5:30 Industry Caucus
- 6:30 RECEPTION and DINNER