# 7th Annual Nanoprobes Workshop
Friday, May 13th, 2011

## Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<td>8:30-9:00</td>
<td>Continental Breakfast, Registration</td>
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| 9:00-9:15  | Tobias Beetz, Center for Probing the Nanoscale  
*Welcome & CPN Overview*                                      |
| 9:15-9:55  | David D. Awschalom, University of California, Santa Barbara  
*Engaging Spins in Semiconductors for Quantum Information Processing* |
| 9:55-10:35 | Julia W. P. Hsu, University of Texas at Dallas  
*Bulk Heterojunction Morphology and Interfacial Strength in Organic Photovoltaics* |
| 10:35-10:50| Break                                                                    |
| 10:50-11:30| David S. Ginger, University of Washington  
*Microsecond Scale Time-Resolved Electrostatic Force Microscopy: Probing Photovoltaics and Beyond* |
| 11:30-12:10| Keji Lai, Stanford University  
*Nanoscale Electrical Imaging by Microwave Microscopy* |
| 12:10-1:10 | Lunch                                                                    |
| 1:10-1:50  | Aleksandr Noy, University of California, Merced  
*Bionanoelectronics with Nanowires and Nanotubes* |
| 1:50-2:30  | Lukas Novotny, University of Rochester  
*Nanoscale Spectroscopy with Optical Antennas* |
| 2:30-2:45  | Break                                                                    |
| 2:45-3:25  | Daniel C. Ralph, Cornell University  
*Putting the Electron’s Spin to Work* |
| 3:25-4:05  | Paul Weiss, University of California, Los Angeles  
*Addressing Questions of Nanoscale Dynamics and Function with New Experimental Tools* |
| 4:05-6:00  | Poster Session and Reception                                            |