



# Nanotechnology Conference

## Eagle Crest Conference Center, Ypsilanti

### Wednesday, Nov. 18, 2009 11am – 8pm

#### IEEE Southeastern Michigan Section

Advanced Conference Schedule			
10:30am - 11:00am	Registration		
1:00am - 12:00pm	<b>Keynote Address - Auditorium</b> <b>Nanotechnology in Medicine and Biology</b> <i>Prof. James R. Baker</i> , Director, Biologic Nanotechnology Institute, University of Michigan		
12:00pm - 1:00pm	Break for lunch (on your own)		Poster Viewing Sponsor Tables
1:00pm - 2:00pm	<b>Keynote 2 - Auditorium</b> <b>Nanojobs in Michigan</b> <i>Rick Snyder</i> , Ardesta, LLC		
2:00pm - 2:30pm	Break		Poster Viewing
	<b>Technical Track A:</b> <b>Nanotechnology, Robotics, and Sensors</b> Chair: Doug Czinder	<b>Technical Track B:</b> <b>Nano Industry and Education</b> Chair: Wen Li	Poster Session Chairs: Lora Shulwitz, Lixin Dong
2:30pm - 3:00pm	<b>Applying Small Area Networking to Nano Communications</b> <i>Bruce Emaus</i> President, Vector-Cantech	<b>Nano Education</b> <i>Prof. Bob Chang</i> Director, National Center for Teaching of Nanoscale Science and Engineering Education Northwestern University	Poster Session Presentations Sponsor Tables
3:00pm - 3:30pm	<b>NanoRobotic Systems and Nanomanufacturing</b> <i>Prof. Lixin Dong</i> Electrical & Computer Engineering Michigan State University	<b>RFID and Nano Technologies</b> <i>Prof. Robb Clarke</i> School of Packaging, Michigan State University	
3:30pm - 4:00pm	<b>High Speed Fabrication of Nanostructures by Roll-to-Roll Processes</b> <i>Prof. Jay Guo</i> Electrical Engineering & Computer Science, University of Michigan	<b>Nano Education For The 21st Century</b> <i>Robert Glasoff</i> (to be confirmed) Vice President of the Americas, Micro and Nanotechnology Commercialization Education Foundation	
4:00pm - 4:30pm	<b>Integrating Nanotechnology Into Sensors, Lab-on-chip Systems and Other Electronic Devices</b> <i>Prof. Cindy Harnett</i> , Electrical and Computer Engineering Department, University of Louisville, Chair, Nanotechnology Committee, IEEE Instrumentation and Measurement Society	<b>Panel discussion: Nanojobs and Workforce Training</b> Panel Chairs: <i>Prof. Colletta Moser</i> , Michigan State University <i>Bob Neff</i>	
4:30pm - 5:00pm	<b>Developing nano-scale structures for EMC/EMI</b> <i>Dr. Ji Chen</i> IEEE EMC Society Distinguished Lecturer Department of Electrical & Computer Engineering, University of Houston		
5:00pm - 5:30pm	<b>Resonant Nano- and Mirco- Electromechanical Devices</b> <i>Prof. Mina Rais-Zadeh</i> , Solid State Electronics Laboratory, University of Michigan		
5:30pm - 6:00pm	ESD Affiliate Council Committee Meeting	break	
6:00pm - 7:00pm	Dinner, Awards Ceremony, Speaker Recognition, Sponsor Recognition - Ballroom (Business attire recommended)		
7:00pm - 8:30pm	<b>Keynote Address - Ballroom</b> <b>Wireless Integrated Micro-Systems: Wearable and Implantable Devices for Improved Health Care</b> <i>Prof. Kensall D. Wise</i> , Director, NSF Engineering Research Center For Wireless Integrated Microsystems (WIMS), University of Michigan		

Early registration ends October 15, 2009. Registration required online. IEEE member discounts, early registration: \$50 members; \$25 student members, retired members, unemployed members; \$60 non-members. More information on the meeting web page: <http://www.ieee-sem.org> → Fall Conference. Organized by the IEEE Southeastern Michigan Chapters of Nanotechnology Council (NTC), Robotics and Automation Society (RAS), and Education Society (ES) Chapters. Provided by IEEE Southeastern Michigan Section.