



# IT Collaboratory 2008 Annual Research Symposium

## Microsystems: Materials, Devices, and Systems

**Monday, April 14, 2008**

Location: Louise J. Slaughter Bldg. # 78

**Rochester Institute of Technology**

### Agenda

- 8:00 – 8:30 am**                      **Check In & Continental Breakfast**
- 8:30 – 8:45 am**                      **Welcome & Symposium Overview**  
*Dr. Donald Boyd, Vice President for Research, RIT*
- 8:45 – 9:50 am**                      **Opening Session Keynote Speakers**  
*Dr. William Destler, President, RIT*
- Dr. Kurt Petersen, Microsystems Entrepreneur;  
 Transensory Devices, Lucas NovaSensor, and CEPHEID*
- Dr. Gregory Kovacs, Deputy Director, Microsystems  
 Technology Office, The Defense Advanced Research  
 Projects Agency (DARPA)*
- 10:00 am – Noon**                      **AM Parallel Technical Sessions**

Session #1	Session #2
<p><b>Microsystems Technology</b></p> <p><b>Dr. Alan Raisanen</b>            Rochester Institute of Technology            Technical Director, IT Collaboratory</p> <p><b>Session Speakers:</b></p> <ul style="list-style-type: none"> <li>• <b>Thomas Jones</b>, Professor, Electrical &amp; Computer Engineering, University of Rochester</li> <li>• <b>Dr. Ryne Raffaele</b>, Director NanoPower Research Labs and Academic Director, Golisano Institute for Sustainability, RIT</li> <li>• <b>Dr. Marek Kowarz</b>, MEMS Innovation, Infotonics Technology Center</li> <li>• <b>Glenn Fricano</b>, Vice President of Sales and Marketing, Infotonics Technology Center</li> <li>• <b>Dr. Doreen Edwards</b>, Associate Professor, Material Science &amp; Engineering, Alfred University</li> <li>• <b>Peter Gulvin</b>, Xerox</li> </ul>	<p><b>Photonics</b></p> <p><b>Dr. Stefan Preble</b>            Rochester Institute of Technology            Assistant Professor, Microsystems Engineering</p> <p><b>Session Speakers:</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Michael Lebby</b>, President and CEO of Optoelectronics Industry Development Association</li> <li>• <b>Dr. Michael Watts</b>, Senior Member of Technical Staff, Sandia National Labs</li> <li>• <b>Jacob Robinson</b>, Graduate Research Assistant, Cornell University Nanophotonics Group</li> <li>• <b>Dr. Alex Cartwright</b>, Director, Institute for Lasers, Photonics &amp; Biophotonics, University at Buffalo</li> </ul>



**12:00 – 1:20 pm**

**Lunch**

**Linda Sanford**, *Senior Vice President, Enterprise on Demand Transformation & Information Technology, IBM and Co-chair, Business Council of New York State*

**1:30 – 3:30 pm**

**PM Parallel Technical Sessions**

Session #3	Session #4
<p><b>Biomedical Microsystems</b></p> <p><b>Dr. David Borkholder</b> Rochester Institute of Technology Associate Professor, Electrical Engineering &amp; Microsystems Engineering</p> <p><b>Session Speakers:</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Joseph Pancrazio</b>, Program Director, Extramural Research Program, National Institutes of Health</li> <li>• <b>Dr. Kathleen Lamkin-Kinard</b>, Assistant Professor, Rochester Institute of Technology</li> <li>• <b>Dr. James McGrath</b>, Associate Professor, Biomedical Engineering, University of Rochester</li> <li>• <b>Michael Connelly</b>, President, Integrated Nano-Technologies</li> </ul>	<p><b>Semiconductor Devices</b></p> <p><b>Dr. Santosh Kurinec</b> Rochester Institute of Technology Chair, Microelectronic Engineering</p> <p><b>Session Speakers:</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Devendra Sadana</b>, Manager, Advanced Substrate Research, T.J. Watson Research Center, IBM</li> <li>• <b>Dr. Kris Campbell</b>, Associate Professor, Electrical &amp; Computer Engineering, Boise State University</li> <li>• <b>Dr. Igor Zutic</b>, Assistant Professor, Physics, University at Buffalo (SUNY)</li> <li>• <b>Dr. Lynn Fuller</b>, Professor, Electrical Engineering, Rochester Institute of Technology</li> <li>• <b>TBA</b></li> </ul>

**3:40 – 5:00 pm**

**Summation Panel Presentation**

**Dr. Marek Kowarz**, MEMS Innovation, Infotonics Technology Center  
(Session #1 Panel Speaker)

**Dr. Michael Lebbly**, President and CEO of Optoelectronics Industry Development Association (Session #2 Panel Speaker)

**Dr. Joseph Pancrazio**, Program Director, Extramural Research Program, National Institutes of Health (Session #3 Panel Speaker)

**TBA**

**5:00 – 6:00 pm**

**Reception**