

**Louisiana Materials and Emerging Technologies Conference**  
**Katrina – Challenges and Opportunities**  
*December 12-13, 2005*  
*Institute for Micromanufacturing*  
*Louisiana Tech University*  
*911 Hergot Avenue*  
*Ruston, LA 71272 USA*

**Monday, December 12, 2005**

- 07:45 - 08:15 am      **Arrival, Registration and Continental Breakfast (IfM Foyer)**
- 08:15 - 08:30 am      **Welcome and Opening Remarks (IfM Auditorium)**  
Dr. Kody Varahramyan and Dr. Les Guice, Louisiana Tech University
- 08:30 - 10:00 am      **Session I: Invited Presentations (IfM Auditorium)**
- 08:30 - 09:15 am      *The Impact of Katrina and Rita on Louisiana's Research and Education Enterprise, Dr. Michael Khonsari, Louisiana Board of Regents*
- 09:15 - 10:00 am      *Nanomanufacturing: Fulfilling the promise of Nanotechnology, Dr. Kevin Lyons, National Science Foundation*
- 10:00 - 10:30 am      **Break and Networking**
- 10:30 am -12:00 pm      **Session II: Poster Presentations (IfM Auditorium)**  
*Each submitted abstract is considered for poster presentation, and is grouped under one of the following areas: Materials, Nanotechnology, Biotechnology, and Microsystems. Each poster presentation consists of a 2 minute/3 slide overview by the given authors, in preparation for the viewing of all the posters in Session V on Poster Viewing.*
- 10:30 - 11:00 am      Material Posters
- 11:00 - 11:30 am      Nanotechnology Posters
- 11:30 - 12:00 pm      Biotechnology Posters
- 12:00 - 1:00 pm      **Lunch (IfM Atrium)**
- 01:00 - 02:30 pm      **Session III: Poster Presentations (IfM Auditorium)**  
*Each submitted abstract is considered for poster presentation, and is grouped under one of the following areas: Materials, Nanotechnology, Biotechnology, and Microsystems. Each poster presentation consists of a 2 minute/3 slide overview by the given authors, in preparation for the viewing of all the posters in Session V on Poster Viewing.*
- 01:00 - 02:30 pm      Microsystems Posters

- 02:30 - 03:00 pm **Break and Networking**
- 03:00 - 03:45 pm **Session IV: Invited Presentation (IfM Auditorium)**
- 03:00 - 03:45 pm *The Advanced Materials Research Institute at the University of New Orleans: Current Research Programs and the consequence of Katrina*, Dr. Charles O'Connor, University of New Orleans
- 03:45 - 05:00 pm **Session V: Poster Viewing (IfM Atrium)**
- 05:00 - 07:00 pm **Reception and Breakout Sessions (IfM Atrium)**

**Tuesday, December 13, 2005**

- 08:00 - 08:20 am **Arrival and Continental Breakfast (IfM Foyer)**
- 08:20 - 08:30 am **Announcements**
- 08:30 - 10:00 am **Session VI: Invited Presentations (IfM Auditorium)**
- 08:30 - 09:15 am *Where O' Where will all the Engineers and Scientists come from!*, Dr. Leigh R. Abts, Johns Hopkins University
- 09:15 - 10:00 am *Advanced Sensors and Devices for the Monitoring and Detection of Water Supply Contaminants*, Dr. Blake Simmons, Sandia National Laboratories
- 10:00 - 10:15 am **Break and Networking**
- 10:15 - 11:30 am **Session VII: Panel Discussion (IfM Auditorium)**
- Panelists:* Dr. Michael Khonsari (Moderator)  
Dr. Kevin Lyons  
Dr. Charles O'Connor  
Dr. Leigh Abts  
Dr. Blake Simmons
- 11:30 - 12:30 pm **Lunch (IfM Atrium)**
- 12:30 pm **End of Conference**