

# NSF CMMI RESEARCH AND INNOVATION CONFERENCE 2011

National Science Foundation (NSF)  
Civil, Mechanical and Manufacturing Innovation

Engineering for Sustainability and Prosperity  
January 4-7, 2011 Atlanta, GA

## Come join us January 4-7, 2011 at the NSF-CMMI Research and Innovation Conference in the Cobb Galleria Centre, Atlanta, GA.

This premier National Science Foundation (NSF) conference, sponsored by the Division of Civil, Mechanical and Manufacturing Innovation (CMMI), focuses on research and education across the Division's programs. Georgia Tech's Manufacturing Research Center is the lead host unit organizing the conference.

With an anticipated international audience of 1,300 people from academe, industry, and government, the program for the January 2011 conference will be centered on the theme *Engineering for Sustainability and Prosperity*, and will emphasize the role civil, mechanical, industrial, and manufacturing engineers will be required to play in addressing the world's growing challenges of using energy and natural resources in a sustainable manner.

For more information see: <http://www.cmmigranteeconference.org>.

### Highlights of the conference include:

- **Keynote addresses** by Dr. Dan Arvizu, Director of the National Renewable Energy Laboratory (NREL); and Mr. Jeff Seabright, Vice President for Environment and Water Resources with The Coca-Cola Company.
- **Banquet speaker** Dr. Tara S. Stoinski, Manager of Conservation Partnerships at Zoo Atlanta, and The Pat & Forest McGrath Chair of Conservation and Research with The Dian Fossey Gorilla Fund International.
- **Technical tours** of: InterfaceFLOR, Inc.; American Maglev Technology, Inc.; Atlanta Airport & Delta Air Lines TechOps; Suniva, Inc.; and Georgia Tech labs and research facilities.
- **Conference sponsors** include: Caterpillar, Inc.; The Coca-Cola Company; Ford; General Electric (GE); and Georgia Tech's College of Engineering, Manufacturing Research Center, and Sustainable Design and Manufacturing Program.
- **K-12 Outreach Program** conference-themed presentations of student team projects from Atlanta-area schools, and Engineering exhibits & demonstrations featuring: Experimental vehicles; NINN (National Nanotechnology Infrastructure Network) education equipment; and other NSF exhibits.
- **500 poster presentations** from CMMI research grantees and students
- **Plenary & breakout sessions** on funding opportunities and proposal writing, research needs and best practices
- **Conference sessions & workshops** on technical challenges and research needs in various topics relevant to NSF-CMMI including energy manufacturing, Factory-of-the-future, and sustainable design and manufacturing.



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