

Mississippi State - UAB Conference on

# DIFFERENTIAL EQUATIONS & COMPUTATIONAL SIMULATIONS

October 4-6, 2012

McCool Hall

Mississippi State University

## Principal Speakers:

**MONICA CLAPP**, Universidad Nacional Autónoma de México, Mexico

**DAVID A. DIXON**, University of Alabama

**STEVE ROBINSON**, Wake Forest University

**DEAN SICKING**, University of Nebraska-Lincoln

**PETER TAKAC**, Universität Rostock, Germany

**MYTHILY RAMASWAMY**, Tata Institute of Fundamental Research, India

**CHI-WANG SHU**, Brown University

**EITAN TADMOR**, University of Maryland

**JORGE VINALS**, University of Minnesota

**ZHI WANG**, Iowa State University

This interdisciplinary conference will provide a joint forum where mathematicians, scientists and engineers from industries, federal laboratories and academia can exchange research and development ideas. An overall goal of this conference is to promote research and education in mathematical and computational analysis of theoretical and applied differential equations. In addition to the ten principal lectures, there will be sessions for twenty minute contributed talks. This conference will also be dedicated to **Alfonso Castro** in celebration of his 62nd birthday and his outstanding contributions to differential equations. Conference participants are encouraged to submit full length manuscripts after the conference. Reviewed manuscripts will be published as a special issue of the *Electronic Journal of Differential Equations*. Pre-registration deadline is **August 31, 2012**. Abstracts for contributed papers should be submitted electronically no later than **August 31, 2012**. Contributed papers will be included in the final program only if pre-registration is complete. For further information regarding the organization, program, and submission of abstracts, visit the conference website at

<http://www.ccs.msstate.edu/deconf/de2012>

or contact the program chair **Jerome Goddard II** (Auburn University Montgomery) at [decs@math.msstate.edu](mailto:decs@math.msstate.edu), or the organizers:

**Hyeona Lim** • Associate Professor of Mathematics  
Associate Director, Center for Computational Sciences  
Dept. of Mathematics & Statistics  
Center for Computational Sciences  
Mississippi State University

**Roy Koomullil** • Associate Professor  
Dept. of Mechanical Engineering  
University of Alabama Birmingham



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