

## Agenda – 2007 Frontiers in Design & Simulation Workshop

### **Tuesday, May 15th**

7:00 PM - 9:00 PM: Social Event (following the CPDA workshop)  
 After the social hour provided by CPDA, we will walk over to the Toast Restaurant for dinner.  
 We will meet in the lobby of the hotel at 6:45PM.

### **Wednesday, May 16th**

All presentations are 30 minutes + 15 minutes for Q&A

<b>Time</b>	<b>Title</b>
8:00 AM- 8:15 AM	<b>Welcome and Opening Remarks</b> <i>Leon McGinnis</i> Eugene C. Gwaltney Professor of Manufacturing Systems School of Industrial and Systems Engineering, Georgia Tech
8:15 AM- 9:00 AM	<b>How to model and support system-level design decisions in SysML?</b> <i>Chris Paredis</i> Assistant Professor School of Mechanical Engineering, Georgia Tech
9:00 AM- 9:45 AM	<b>Multi-discipline Program Office and Functional Integration - Challenges and Solutions</b> <i>Ravi Rangan</i> Chief Technology Officer Centric Software, Inc.
9:45 AM- 10:00 AM	Break
10:00 AM- 10:45 AM	<b>Model Lifecycle Management</b> <i>Michael Tiller</i> Vice-President Modeling Research and Development Emmeskay
10:45 AM- 11:45 AM	<b>How to explore and optimize systems of systems?</b> <i>Scott Woyak</i> President and CEO Phoenix Integration
11:45 AM- 12:45 PM	Lunch Break
12:45 PM- 1:30 PM	<b>How to visualize system-level trade spaces effectively in support of collaborative decision-making?</b> <i>Tim Simpson</i> Professor Department of Mechanical & Nuclear Engineering, Penn State University
1:30 PM- 2:15 PM	<b>Perspectives on Model-Based Systems Acquisition in DoD</b> Jim Hollenbach
2:15 PM- 3:00 PM	<b>Panel</b> <i>All speakers</i>
3:00 PM- 3:15 PM	<b>Closing Remarks and Wrap Up</b> <i>Leon McGinnis</i>

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### **Questions for Panel Session**

Assuming the audience will have plenty of questions, we would like to keep the panel discussion free-flowing. However, we will seed the following broad questions to get things going.

- What are significant obstacles and challenges in model-based systems development?
- What are opportunities to improve the state of the art in model-based systems development?
- What is the role that Universities can play in advancing the practice of model-based systems development?

## List of Participants for Frontiers 2007 (Generated on 5/9/07)

Arndt	Liz	Engineous
Bajaj	Manas	GT Student
Bloomberg	John	GE Infrastructure
Brown	Don	CPDA
Burkhart	Roger	Deere & Company
Cimtalay	Selcuk	Georgia Tech
Derebail	Annap	IBM Corporation
Evans	JP	Engineous
Fortier	Mary	General Motors
Gargiulo	Ed	Dade Behring
Ghosh	Dipankar	International Truck
Goh	Mey	University of Bath
Hollenbach	Jim	Simulation Strategies
Huang	Edward	GT Student
Iyengar	Vivekan	Spatial
Jobe	Jonathan	GT Student
Johnson	Tommy	GT Student
Kailasam	Mahesh	SIMULIA
Kim	Injoong	GT Student
Kress	Jim	Hewlett-Packard
Krishnamurthy	Ram	CPDA
Loebl	Andy	Oakridge National Lab
Malak	Richard	GT Student
McGinnis	Leon	Georgia Tech
McLoughlin	Sean	Tektronix
Meintjes	Keith	General Motors
Nacy	Dave	General Motors
Numajiri	Takeshi	ISI-Dentsu, Ltd.
Palma	Rodolfo	ACH
Paredis	Chris	Georgia Tech
Pasco	Michael	IBM Corporation
Peak	Russell	Georgia Tech
Peters	Karlheinz	Pioneer Solutions
Ramamurthy	Randeep	GT Student
Rangan	Ravi	Centric Software
Sang	Ky Kwan	GT Student
Schaeur	Paul	Procter & Gamble
Scott	Andy	GT Student
Shenoy	Sandeep	Deere & Company
Simpson	Tim	Penn State
Soon	Young Yang	Seoul National University
Tiller	Mike	Emmeskay
Vrinat	Michel	CPDA
Walsh	Joe	Simmetrix
Wells	Rich	Delphi
Woyak	Scott	Phoenix Integration