

**A-MOST 2005 PROGRAM DAY 1  
SUNDAY - MAY 15th, 2005**

8:00 - 8:45 AM	<b>Breakfast</b>	
8:45 - 9:00 AM	<b>Workshop Opening</b>	
9:00 - 9:45 AM	<b>Keynote: Failure Mode Avoidence by TIM DAVIS, Henry Ford Technical Fellow for Quality Engineering</b>	
9:45 - 10:40 AM	<b>Session1: Test Selection Criteria</b>	
	Test Prioritization for Pairwise Coverage - <i>Renée Bryce and Charles Colburn</i>	20 mins
	Using Information about Functions in Selecting Test Cases - <i>Markus Clermont and David Parnas</i>	20 mins
	<b>Discussions</b>	15 mins
10:40 - 11:00 AM	<b>Coffee Break</b>	
11:00 - 12:40 PM	<b>Session2: Usage and Simulation Models</b>	
	Usage Model-Based Automated Testing of C++ Templates - <i>Kirk Sayre</i>	20 mins
	A simulation model of a multi-server EJB system - <i>David McGuinness and Liam Murphy</i>	20 mins
	Model-based Testing for Applications Derived from Software Product Lines - <i>Erika Olimpiew and Hassan Gomaa</i>	20 mins
	An Integrated Method for Designing User Interfaces based on Tests - <i>Albert Schilling, Kelma Madeira, Paula Donegan, Kenia Sousa, Beth Furtado, and Vasco Furtado</i>	20 mins
	<b>Discussions</b>	20 mins
12:40 - 2:00 PM	<b>LUNCH</b>	
2:00 - 3:40 PM	<b>Session3: Requirements and Test Generation</b>	
	Modeling Requirements for Combinatorial Software Testing - <i>Chris Lott, Ashish Jain, and Sid Dalal</i>	20 mins
	Requirements Traceability in Automated Test Generation - Application to Smart Card Software Validation - <i>F. Bouquet, E. Jaffuel, B. Legeard, F. Peureux, and M. Utting</i>	20 mins
	Generating Optimal UIOs with a Model checker - <i>Christopher Robinson-Mallett, Tilo Mücke, Peter Liggesmeyer, Ursula Goltz</i>	20 mins
	Environment Behavior Models for Scenario Generation and Testing Automation - <i>Mikhail Auguston, James Bret Michael, and Man-Tak Shing</i>	20 mins
	<b>Discussions</b>	20 mins
3:40 - 4:00 PM	<b>Coffee Break</b>	
4:00 - 5:30 PM	<b>PANEL DISCUSSION 1: Black Box Model-Based Software Testing: Current State and Future Vision - Peter Lakey - Moderator Cognitive Concepts LLC</b>	
	<i>Peter Becker</i> <i>Software Prototype Technologies</i>	
	<i>Sid Dalal</i> <i>Xerox Corporation</i>	
	<i>Harry Robinson</i> <i>Google</i>	
	<i>Tom Swain</i> <i>Software Silver Bullets/SQRL</i>	
	<i>John Will</i> <i>Sun Microsystems</i>	

**A-MOST 2005 PROGRAM DAY 2  
MONDAY - MAY 16th, 2005**

8:30 - 9:00 AM	<b>Trustworthy Systems through Quantitative Software Engineering - Keynote Talk by LARRY BERNSTEIN, Senior Industry Research Professor, Stevens Institute of Technology</b>	
9:00 - 10:40 AM	<b>Session4: Measurements</b> Early Estimation of Defect Density Using an In-Process Metrics Model - <i>Mark Sherriff, Nachiappan Nagappan, Lauire Williams, and Mladen Vouk</i>	20 mins
	Case Studies on Fault Detection Effectiveness of Model Based Test Generation Techniques - <i>Amit Paradkar</i>	20 mins
	Distributed Performance Testing using Statistical Modeling - <i>Alan Karr and Adam Porter</i>	20 mins
	The Effect of Code Coverage on Fault Detection under Different Testing Profiles - <i>Xia Cai and Michael Lyu</i>	20 mins
	<b>Discussions</b>	20 mins
10:40 - 11:00 AM	<b>Coffee Break</b>	
11:00 - 12:20 PM	<b>Session5: New Applications</b> Modeling for Image Processing System Validation, Verification and Testing - <i>Xing Li and Ramesh Nagarajan</i>	20 mins
	Model-based Specification and Testing Applied to the Ground-based Midcourse Defense (GMD) System - <i>Peter Lakey</i>	20 mins
	The Advanced Mobile Application Testing Environment: Project Report - <i>Bob Binder and James E. Hanlon</i>	20 mins
12:30 - 2:00 PM	<b>LUNCH</b>	
2:00 - 3:30 PM	<b>PANEL DISCUSSION 1: Model-Based Testing - Making It Stick.</b> <i>Moderator: Bob Binder, mVerify Corporation, USA.</i> <i>Ashish Jain</i> <i>Telcordia, USA</i> <i>Jesse Poore</i> <i>U. of Tennessee, Knoxville, USA</i> <i>Tim Trew</i> <i>Philips, UK</i> <i>Sara Wong</i> <i>Microsoft, USA</i>	
3:30 - 3:40 PM	<b>Closing Remarks</b>	