DARPA NEOCAD PROGRAM QUARTERLY REVIEW MEETING AGENDA

Dec 10-11, 2002 ♦ Seattle, WA
(**UW EE/CSE Building Room 303** For **map and driving directions**, please visit
http://www.ee.washington.edu/contact.html)

Morning, Tuesday, Dec. 10, 2002
  (Review of University of Arkansas/University of Washington NeoCAD Project)

8:30 – 9:00	*Project Management Review*
	Prof. Alan Mantooth University of Arkansas
9:00 – 10:00	Progress on DAE-Based Behavioral Modeling
	University of Arkansas
10:00 – 11:00	*Progress on DDD-based Behavioral Modeling*
	University of Washington
11:00 – 11:30	Closed Government and PI Meeting
11:30 – 1:00	*Lunch Break*

Afternoon, Tuesday, Dec. 10, 2002   (Review of University of Washington/Livermore/Boeing/ODT NeoCAD Project CoSMoS)

12:45 – 1:00	Project Management Review
	Prof. Richard Shi, University of Washington
1:00 – 1:30	Boeing Designs (Pressure Belt, AZ Amplifier)
	Scott Davis, Scott Billings, Boeing
1:30 – 2:10	Progress on Behavioral/Device Model Compiler (BMAC)
	Bo Wan, Bo Hu, University of Washington
2:10 – 2:30	Progress on Device Modeling
	Lili Zhou, Kishore Tanikella, Chris Baker, Gus Mak, University of Washington
2:30 – 2:45	*Break*
2:45 – 3:15	Progress on Linear, Nonlinear and Time-Domain Solvers
	Dr. Guoyong Shi, Zhao Li, Univ. Washington
3:15 – 3:45	Progress on Automatic Digital Behavioral Modeling with Parasitics
	Sam Bhattacharya, Lei Yang, University of Washington
3:45 – 4:00	Parasitic-aware design and optimization for CMOS ultra-wideband amplifiers
	Jinho Park, University of Washington
4:00 – 4:15	EM Modeling of integrated circuit systems, Dr. Pavel Nikitin, University of Washington
4:15 – 4:30	*Break*
4:30 – 5:00	Progress on Livermore EIGER EM Modeling, Dr. Rob Sharpe, LLNL
5:00 – 5:30	Progress on Livermore EMSolve Modeling, Dr. Dan White, LLNL
5:00 – 6:00	Closed Government and PI Meeting for Part I of CoSMOS Review

6:30 – 8:30   Reception: UW/EE Student Course Projects on Simulator Posters
                 (EE Atrium) and UW EM Modeling Posters

Morning, Wednesday, Dec. 11, 2002   (Review of University of Washington/Livermore/Boeing/ODT NeoCAD Project CoSMoS: Part II)

8:30 – 9:00   UW EM Modeling Overview and Milestones/Deliverables
                 Prof. Vikram Jandhyala
9:00 – 9:15   Fast Iterative Solvers for Coupled Circuit-Electromagnetic Simulation
                 Dipanjan Gope, UW
9:15 – 9:30   CoSMoS Coupled EM Codebase and Integration
                 Todd West, UW
9:30 – 9:45   Coupled Electromagnetic-Circuit Simulation and Applications
                 Yong Wang, UW
9:45 – 10:00   Time Domain Mixed Electromagnetic Simulation for COSMoS
                 Chuanyi Yang, UW
10:00 – 10:15   Benchmarks, Summary, and Next Set of Milestones/Deliverables
                 Prof. Vikram Jandhyala
10:15 – 11:00   Government Feedback and End of Review