

NEMO2015 Session Grid

August 11 (Tuesday)		August 12 (Wednesday)			August 13 (Thursday)			August 14 (Friday)		
08:30-15:00 International Workshop on High-Performance Chip, Package and Systems(HPCPS) (HPCPS is co-located with NEMO. NEMO registrants receive complimentary admission to HPCPS sessions)		08:30-08:40	Opening Session			Plenary Speaker: C.J. Reddy (Altair), "Pushing the Boundaries of Computational Electromagnetics – Application to Antenna Designs and Placement of Antennas"			IEEE Ottawa MTT/AP, CPMT and EMC Chapters and NEMO2015 Joint Talk: George E. Ponchak (Chair, IEEE MTT-S Publication Committee), "How to Write a Paper for IEEE MTT-S Journals and Navigate the Review Process"	
		08:40-09:25	Plenary Speaker: Jim Rautio (Sonnet), "The Acceptance of Maxwell's Equations"		08:30-09:15			08:30-09:15		
		09:25-10:10	Plenary Speaker: Fritz Arndt (WASP-NET), "Hybrid Methods: Efficient EM CAD and Optimization of Microwave Components and Antennas"		09:15-10:00	Plenary Speaker: Zoltan Cendes (Retired, ANSYS/Ansoft), "Rebooting Numerical Electromagnetics - Technology Transitions Transform Our Turf"		09:15-10:00	Plenary Speaker: Peter Thoma (CST), "Multiscale EM Problems in Industrial Applications"	
		10:10-10:30	Coffee Break		10:00-10:30	Coffee Break		10:00-10:30	Coffee Break	
		10:30-12:10	WE1: EM Modeling and Design of SIC/SIW and IC Packages	WE2: Emerging Fast Time-Domain Methods	10:30-12:10	TH1: Model-Order Reduction	TH2: Surrogate-Based Methods for EM-Driven Design	10:30-12:10	FR1: Advanced Hybrid and Multiphysics Analysis	FR2: Derivative-Based Optimization of High Frequency Structures
		12:10-13:00	Lunch 12:40-13:00 Student Paper Competition Poster Session 1		12:10-13:30	Lunch Poster Session 1: Finite-Difference and Finite-Element Methods		12:10-13:30	Lunch Poster Session 3: Model Generation and Parameter Extraction	
		13:00-14:00	Panel Session: EM and Multiphysics Modeling and Optimization: Present Status and Future Directions		13:30-15:10	TH3: Finite-Difference and Finite-Element Methods	TH4: Nonlinear Circuits, Devices and Antennas	13:30-15:10	FR3: Multiphysics Modeling	FR4: High-Power and Active Device Modeling
		15:00-15:20	Coffee Break		14:00-15:10	MicroApp Session		15:10-15:30	Coffee Break Poster Session 4: Modeling of 3D Integrated Structures and Antennas	
15:20-16:00 Invited Speaker: Jianming Jin (University of Illinois at Urbana-Champaign), "Multi-Physics Modeling in Computational Electromagnetics: Challenges and Opportunities"		15:10-15:50	Coffee Break Student Paper Competition Poster Session 1 (Continued)		15:10-15:30	Coffee Break Poster Session 2: Optimization Methods		15:10-15:30		
		15:50-17:30	WE3: Numerical Analysis and Optimization of Substrate Integrated Waveguide Circuits	WE4: Modeling and Design with Uncertainties	15:30-15:50	MicroApp Session		15:30-17:30	FR5: Wireless Power Transfer and Energy Harvesting Systems	FR6: Numerical Techniques for Signal and Power Integrity
16:00-17:40 TU1: Special Session in Honor of Dr. Gilles Delisle		17:30-18:10	Industry Workshop		15:50-17:50 TH5: Advances in Computational Methods for Quantitative Solutions of Inverse Problems	TH6: Modeling of New Materials, Integrated and Nanostructures, and Biological Effects				
		18:10-18:30	MicroApp Session							
		18:30-20:00	Reception 18:30-19:30 Student Paper Competition Poster Session 2		19:00-21:30	Banquet				