

# Day 1

Saturday, August 03, 2013

## Aegean Room

Opening Remarks		08:10	-	08:20
Session I		08:20	-	10:20
Chair: Bruno Carpentieri				
Speaker	Title			
Xiao-Min Pan	Fast Computation of Two-Dimensional Spatial Electromagnetic Scattering from Large-Scale Targets	08:20	-	08:40
Ali E. Yilmaz	FFT-Accelerated Analysis of Scattering from Three-Dimensional Structures Residing in Multiple Layers	08:40	-	09:00
Mahdi Kazempour	Solution of Low-Frequency Electromagnetics Problems Using Hierarchical Matrices	09:00	-	09:20
Vladimir Okhmatovski	Study of SWG-Method-of-Moment Solution of D-Volume-Integral-Equation for Plasmonic Nano-Particles at Terahertz Frequencies	09:20	-	09:40
Johann van Tonder	Introduction of Curvilinear Higher-Order Basis Functions for MoM and MLFMM in FEKO	09:40	-	10:00
Larissa Vietzorreck	Efficient Modelling of Finite Periodicity with the Method of Lines	10:00	-	10:20
Coffee Break		10:20	-	10:40
Session II		10:40	-	12:40
Chair: Jan Fostier				
Speaker	Title			
A. Arif Ergin	Solution of the Initial Condition Problem of the Time-Domain EFIE	10:40	-	11:00
Shogo Kawabata	Complementary Analysis of Propagation Characteristics of Circular Microstrip	11:00	-	11:20
Korkut Yeğin	Gain-Bandwidth Product for Aperture-Coupled Antennas	11:20	-	11:40
Manouchehr Takrimi	Windowed Equivalence Principle for Open Surfaces	11:40	-	12:00
Mustafa H. B. Uçar	Design of 2x2 UWB Printed Antenna Array for See-Through-Wall Imaging	12:00	-	12:20
Sébastien Lalléchère	Shielding Effectiveness Statistics from Random Stochastic Enclosures with Apertures	12:20	-	12:40

# Day 2

Sunday, August 04, 2013

## Aegean Room

Session III		08:20	-	10:20
Chair: Vladimir Okhmatovski				
Speaker	Title			
Jan Fostier	Scalable Parallel Computation of the Translation Operator in Three Dimensions	08:20	-	08:40
Christoph Statz	Hybrid CPU-GPU Computation of Adjoint Derivatives in Time Domain	08:40	-	09:00
Mert Hidayetoğlu	Reducing MLFMA Memory with Out-of-Core Implementation and Data-Structure Parallelization	09:00	-	09:20
Gerrit Kalverkamp	Car Body Attenuation Impacting Angle-Dependent Path Loss Simulations in 2.4 GHz ISM Band	09:20	-	09:40
Bruno Carpentieri	Computational Techniques for Efficient Analysis of Large Halo Current Models in Fusion Devices	09:40	-	10:00
Marco Mütze	Acceleration of a Physical-Optics Simulator Using CUDA	10:00	-	10:20
Coffee Break		10:20	-	10:40
Session IV		10:40	-	12:40
Chair: Ali E. Yilmaz				
Speaker	Title			
Aslan Etminan	Microwave Imaging of Three-Dimensional Conducting Objects Using the Newton Minimization Approach	10:40	-	11:00
Angel Mediavilla	Very-High-Frequency Methodology for Biological Tissue Discrimination	11:00	-	11:20
Harun Kürkcü	An Integral-Equation Solver for the Simulation of Two-Dimensional Metallic Nanoplasmonic Gratings	11:20	-	11:40
Georgios C. Trichopoulos	Hybrid Electromagnetic Modeling of Non-Contact Probes for Terahertz Device Characterization	11:40	-	12:00
Abdolreza Torabi	Application of the Characteristic Green's Function Technique in Closed-Form Derivation of Spatial Green's Function of Finite Dielectric Structures	12:00	-	12:20
Teppeï Kobata	Determination of Complex Permittivity of Materials in Rectangular Waveguides Using a Hybrid Electromagnetic Method	12:20	-	12:40
Discussion and Closing Remarks		12:40	-	12:50