

Paper ID	Time Slot	Session Name	Session Chairs	Title	Authors
DAY 1					
	9:00			Registration Desk opened	
	9:30			Opening ceremony	
	11:00			COFFEE BREAK	
	11:25	Numerical Techniques	Prof. Dr. Robert Nevels	Keynote Presentation by CST Dr. Marko Walter, Dr. Mohamed El-Hadidy	
53365	11:45	Numerical Techniques	Prof. Dr. Thomas Kaiser	On the general tensor solution to Maxwell's equations and its potential as a numerical technique for antennas in complex environments	Robert Nevels, Texas A&M University; Islam Abdul Maksoud, Prof.Dr.Hassan Elkamchouchi, Alexandria University
52838	12:00	Numerical Techniques		Shift-Operator Finite Difference Time Domain: An Efficient Unified Approach for Simulating Wave Propagation in Different Dispersive Media	Ahmed M. Attiya, Electronics research Institute; Haythem H. Abdullah, Electronics Research Institute
32537	12:15	Numerical Techniques		Simulation of Effective Dielectric Constant for Lossless Composites using 2D Finite Difference Frequency Domain	Muhammad Abu-Gabal, Cairo University; Alaa E. El-Rouby, Cairo University & Mentor Graphics; Islam Eshrah, Cairo University
10765	12:30	Numerical Techniques		Multi-Threaded Genetic-Algorithm (MTGA)-Based Optimization for the One Dimensional Electromagnetic Inverse Scattering Problem	Heba H. Draz, Cairo University; Alaa E. El-Rouby, Cairo University & Mentor Graphics; Mohamed Bakr, AASTMT; Ahmed H. Khalil, Cairo University
25027	12:45	Numerical Techniques		Novel 2D Intelligent-Decision Genetic-Algorithm Based Microwave Imaging Algorithm for Breast Cancer Detection	Mahmoud A. Al-Bayoumi, Fayoum University; Alaa E. El-Rouby, Cairo University & Mentor Graphics
	13:00			LUNCH	
10832	14:00	Microwave Circuits	Prof. Dr. Abbas Omar	A Low Phase Noise Microwave Oscillator based on A Planner Microstrip Spiral Resonator	A.M.ElElmy, Hesham Nabil Mahamed, Ayman Mohamed Eltager, MTC
44405	14:15	Microwave Circuits	Dr. Hany Hammad	Broadband Directional Couplers Using Traveling-Wave Whispering-Gallery-Mode Dielectric Resonators	Rana El-Molla, Reem Al-askalani, Mohamed Salah Kheir, Hany Hammad, German University in Cairo
56267	14:30	Microwave Circuits		Evaluation of the loaded and unloaded Q-factors of traveling-wave whispering-gallery-mode resonators	Mohamed Kheir, Hany Hammad, German University in Cairo; Abbas Omar, University of Magdeburg
92319	14:45	Microwave Circuits		Load Modulation for Efficiency Enhancement of Inverse Class-D Power Amplifiers	Mohamed Gamal El Din, Bernd Geck, Leibniz University Hannover; Ilona Rolles, University of Hannover; Hermann Eul, Leibniz University Hannover
27367	15:00	Microwave Circuits		Microstrip Wilkinson Power Divider with Multi-Spurious Suppression	Saeed Fallahzadeh, Ahmad Cheldavi, Iran University of Science and Technology
38582	15:15	Microwave Circuits		Miniaturized Bandpass Filters Using Capacitor Loaded Folded Slot Coupled Resonators	Adel B. Abdel-Rahman, South Valley University; Abbas Omar, University of Magdeburg
54037	15:30	Microwave Circuits		Novel Planar Microstrip Low Pass Filters Using Electromagnetic Band Gap (EBG) Structures	Maher M. Abd Elrazzak, Almansoura University; Hamada Elsaied, Toshiba Comp.
71918	15:45	Microwave Circuits		Small Size Third Order Coupled Resonator Band-Pass Filter Using Capacitor Loaded Slots	Adel B. Abdel-Rahman, South Valley University; Adel Z. El Dein, High Institute of Energy, Aswan, Egypt; Hesham Hamed, Minia University; Ahmed abd elmonem, Higher Institute for Engineering
	16:00			COFFEE BREAK	
	16:20	Workshop - CST	Dr. Marko Walter Dr. Mohamed El-Hadidy	Workshop - CST, Dr. Marko Walter & Richard Sjarie	
DAY 2					
	9:00	Keynote Presentation	Prof. Dr. Esmat A. Abdallah	Keynote Presentation by SATIMO	
19643	9:20	Planar Antennas	Dr. Islam Eshrah	Compact Inset-Fed Microstrip Line Circularly Polarized Antenna	Khaled Salah, German university in cairo; Shoukry I. Shams, German University in Cairo (GUC); Abdel Megid Allam, German University in Cairo
60323	9:35	Planar Antennas		Comprehensive study of single feeding techniques on circularly polarized microstrip antenna radiation characteristics	Marwa Shakeeb, Concordia University; Hany Hammad, German University in Cairo; Abdel Sebak, University of Concordia
68034	9:50	Planar Antennas		Design and Implementation of Planar Microstrip Antenna Sub-array for Satellite TV Reception	Khamis Badr, Naval Institute, Jeddah
52037	10:05	Planar Antennas		Miniaturized Wideband Slotted Monopole Antenna for WLAN Applications	Mohamed AlSharkawy, Arab Academy for Science, Technology, and Maritime Transport
84746	10:20	Planar Antennas		Modern isolation of dual-band proximity coupled microstrip antenna front-end transceiver	Mohamad Shaker, Esmat Abdel-fattah Abdallah, Electronics research institute; Hany taher, Electronics Research Institute ERI, Egypt; Hadia El-hennawy, Ain shams university, Egypt
	10:35			COFFEE BREAK	
79447	10:50	UWB Antennas	Prof. Dr. Essam Hashish	Bandwidth extension of UWB planar antenna with band-notched characteristics	Adel Barakat, Mostafa El-Khmy, Egypt-Japan University of Science and Technology
92198	11:05	UWB Antennas	Prof. Dr. Saied El-Khmy	Design of uwb printed monopole antenna with dual band notch filter	Mohamed Moustafa, Telecom egypt; Adel B. Abdel-Rahman, South Valley University; Adel Z. El Dein, High Institute of Energy, Aswan, Egypt; H. H. El Tamaly, Faculty of Engineering, El-Minia University, El-Minia
82873	11:20	UWB Antennas		Influence of the Real UWB Antennas on the AoA Estimation based on the TDoA Localization Technique	Waldemar Gerok, Leibniz Universit'lt Hannover; Dr.-Ing. Mohamed El-Hadidy, University of Hannover; Sondos Alaa, Leibniz Universit'lt Hannover; Thomas Kaiser, University of Hannover
12723	11:35	UWB Antennas		Investigation on a Small UWB antenna combinig a Monopole and a Cone-shaped Dielectric Resonator	Reem Al-askalani, Hany Hammad, German University in Cairo
68766	11:50	UWB Antennas		Irregular Pentagon Monopole Structured Antenna for Ultra-wideband Communication Systems	Mostafa Abdel Fattah, Abdel Megid Allam, Shoukry Ibrahim, German University in Cairo
20713	12:05	UWB Antennas		Single and Dual Band-Notched UWB Monopole Antennas with U-shaped Slot	Abdelhamid Shaalan, Mohamed Ramadan, Zagazig University
66995	12:20	UWB Antennas		Compact Rectangular U-shaped slot microstrip patch antenna for UWB applications	Mohamed Abdelhameed, Ehab K. I. Hamad, South Valley University
97520	12:35	UWB Antennas		Antenna Compensation for UWB GPR Systems applied in Non-Destructive Testing	Ahmed Kenzy, Abdelfattah Fawky, German University in Cairo; Dr.-Ing. Mohamed El-Hadidy, University of Hannover
	13:00			LUNCH	
57592	14:00	Arrays & Special Antennas	Dr. Saber H. Zainuddeen	Ka-Band Linear Polarized Air Vias Reflectarray	Abdulhady Mahmoud, Southeast university; Wei Hong, Southeast University
68288	14:15	Arrays & Special Antennas	Dr. Islam Eshrah	Slot-Loading Rectangular Dielectric Resonator Elements Reflectarray	Abdulhady Mahmoud, Southeast university; S.H. Zainud-Deen, Minoufa University
26728	14:30	Arrays & Special Antennas		Fluid Antennas	Shuva Jyoti Kar, Prof.Ajoy Chakrabarty, Prof. B.K.Sarkar, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
74651	14:45	Arrays & Special Antennas		Fluid Antennas as EMI sensors	Shuva Jyoti Kar, Prof.Ajoy Chakrabarty, Prof. B.K.Sarkar, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
52143	15:00	Arrays & Special Antennas		Radiation Pattern Improvement of RDRA Using LHM Flat Lens Composed of CSRR	Hany A. Atallah, Ehab K. I. Hamad, South Valley University
70682	15:15	Arrays & Special Antennas		Bow-Tie Slot Antenna for Wrist Application Using Proximity Coupling	Mohamed AlSharkawy, Arab Academy for Science, Technology, and Maritime Transport; Darwish Abd El Aziz, Shaimaa Farhaly, Arab Academy for Science, Technology & Maritime Transport
	15:30			COFFEE BREAK	
17729	15:50	Metamaterials	Dr. Amr Safwat	A proposed Multi-Band Metamaterial Antenna Based on A Circular Air Slotted Sevenpiper Mushroom Unit Cell	Marwa Soudi, Prof.Dr.Hassan Elkamchouchi, Alexandria University
24015	16:05	Metamaterials		Design of Compact-Efficient Array of Patch Antenna Based on Metamaterial T-Junction	Adel Amin, Ehab K. I. Hamad, South Valley University
26005	16:25	Metamaterials		Compact size coupled line crlh unit cell	Amr Safwat, Ahmed Alwakil, Antony N. Ezzat, Ain Shams University
DAY 3					
	9:00	Satimo		Keynote Presentation by AWR	
21091	9:20	Material Characterization	Prof. Dr. Abbas Omar	Electrostatic Utilization for Concrete Performance Measurements	Nardin Nakhla, Amr Alaa El-deen, Tiya Youakim, Laila Youssef, Karim Maurice, Nada Mahfouz, Mohamed N. Abou Zeid, Khaled Nassar, Ali Darwish, American University in Cairo
83685	9:35	Material Characterization	Dr. Ali Darwish	FDTD Simulation and Experimental Investigation of Controlled Microwave Irradiation of Red Palm Weevils	idris Ahmed Ali, Al-Ghurair University; Ahmed Al-Jabr, King Faisal University; A. Memari, Al-Ghurair University
92216	9:50	Material Characterization		Non-Destructive measurement of particulate materialsá€™ saturation with solvable liquids	John hanna, Marianne Gobrial, Marina Fouad, Samer Zachary, Marc Michelle, Amr Alaa El-deen, Khaled Nassar, Ali Darwish, American University in Cairo
17181	10:05	Material Characterization		A novel mode-identification technique for material characterization using whispering-gallery-mode resonators	Mohamed Kheir, Hany Hammad, German University in Cairo; Abbas Omar, University of Magdeburg
31118	10:20	Material Characterization		The multipole resonance probe: Realization of an optimized radio-frequency plasma probe based on active plasma resonance spectroscopy	Christian Schulz, Martin Lapke, Jens Oberrath, Robert Storch, Tim Styrnoll, Ruhr-Universit'lt Bochum; Christian Zietz, Leibniz Universit'lt Hannover; Peter Awakowicz, Ralf Peter Brinkmann, Thomas Musch, Tho ^l -mas Mus ^l -sen ^l -brock, Ilona Rolles, Ruhr-Universit'lt Bochum
	10:35			COFFEE BREAK	
49320	10:55	Biological Effects	Prof. Dr. Samir El-Ghazali	The effect of body shape and gender on Wireless Body Area Network on-body channels	Fabio Di Franco, LYIT, Christos Tachtatzis, WISAR - Letterkenny Institute of Technology; Ben Graham, Marek Bykowski, David C. Tracey, Nick F. Timmons, Jim Morrison, LYIT
91260	11:10	Biological Effects	Dr. Tamer Abulfadl	Effects of Magnetic Field of Power Lines and Household Appliances on Human and Animals and its Mitigation	idris Ahmed Ali, A. Memari, Al-Ghurair University
75142	11:25	Biological Effects		RF Receiver Coil with Dual Resonance Frequencies for Small Animal MRI System	Faisal Ahmad, Kyungpook National University; Hyun Deok Kim, Young Cheol Kim, Kyungpook National University South Korea
	11:40			LUNCH	
35699	13:30	Comm. & Radar Systems	Prof. Aly Fathy	User Centric Scheduling in Cooperative Networks	Wolfgang Mennerich, TU-Berlin / Nokia Siemens Networks; Wolfgang Zirwas, Nokia Siemens Networks
13155	13:45	Comm. & Radar Systems	Dr. Mohamed El-Hadidy	A Correlated Gaussian Spatial Distribution	Bamrung Tau Sieskul, Leibniz Universit'lt Hannover; Claus Kupferschmidt, Leibniz University of Hannover; Thomas Kaiser, University of Hannover
91236	14:00	Comm. & Radar Systems		Frequency Dependence of the UWB Indoor Channel and the Effects of the Antenna Directivity on Path loss and Multipath Propagation	Sondos Alaa, Leibniz Universit'lt Hannover; Dr.-Ing. Mohamed El-Hadidy, University of Hannover; Claus Kupferschmidt, Leibniz University of Hannover; Thomas Kaiser, University of Hannover
20846	14:15	Comm. & Radar Systems		Discrimination of Adjacent Radar Target via the E-pulse Technique	Haythem H. Abdullah, Khalid F. Hussein, Electronics Research Institute; Mostafa El Said, Essam A. Hashish, Cairo University
80872	14:30	Comm. & Radar Systems		A Dielectric Lens Antenna with Enhanced Aperture Efficiency for Industrial Radar Applications	Nils Pohl, Ruhr-Universit'lt Bochum
	14:45			COFFEE BREAK	
	15:05	Workshop - AWR		Workshop - AWR	
	17:35			Closing Ceremony	
		Comm. & Radar Systems	Posters		