



EM-MW-AP MECAP Workshops



Chair: Prof. Dr. Hadya El-Henawy (IEEE AP EM Regional Chef)

Work Shop # 1

Date: 14th of November 2009

Time: 12:00 PM

Location: Ain Shames University



الجامعة الألمانية بالقاهرة



Title

Size Reduction Using "it"

By

Amr M. E. Safwat, Ph.D.

Abstract

Metamaterial is a debatable term, however, at the end of the road, "it" allows the size reduction of conventional RF devices, e.g. transmission lines, filters, baluns, couplers and etc. The presentation will show the arguments of both sides, and then it will focus on the realization of simple passive structures that feature the main characteristics of metamaterial, single negative material and double negative materials. New concepts like high impedance wire and coupled line composite/right-left handed unit cells are explored and new designs for conventional devices are presented.



	Name	Position	Institute
1.	Prof. Dr. Hadya El Henawy	Dean of the Faculty of Engineering at Ain Shams University	Ain-Shams University
2.	Dr. Amr Safwat	Assistant Professor	Ain-Shams University
3.	Dr. Islam Eshrah	Assistant Professor	Cairo University
4.	Dr. Tamer Abou-El Fadel	Assistant Professor	Cairo University
5.	Prof. Dr. Diaa Abdel Megeed	Professor Dr.	Cairo University
6.	Dr.-Ing. Mohamed El-Hadidy	Assistant Professor (Dr.-Ing.)	GUC & CST
7.	Eng. Ahmed Hashem	CST Tech. Eng.	Computer Simulation Technology-Middle East
8.	Eng. Abed El-Fatah Fawky	Post Graduate Teacher	German University in Cairo
9.	Eng. Marwah Ahmed	Caliber Eng-Mentor Graphics	Mentor Graphics
10.	Noha Anous	MIU Lecturer	Misr International University
11.	Eng. Abderahman El-Kafrawy	GUC TA	German University in Cairo
12.	Eng. Amr Alaa Eldeen	Ain Shams TA	Ain-Shams University
13.	Eng. Mohamed Ahmed	MS.C Student	Ain-Shams University
14.	Eng. Basem M. Mortada	MEMS Design Eng. & Wave Sys.	MEMS
15.	Eng. Ahmed Bahaa El Deen	GUC TA	German University in Cairo
16.	Eng. Mohamed Esam	GUC TA	German University in Cairo



MECAP

Middle East Conference on Antennas and Propagation (MECAP)

MECAP vision

Following the success of the European Conference on Antennas and Propagation (EuCAP), MECAP board is pleased to announce the 1st Middle East Conference on Antennas and Propagation, MECAP 2010, to be held in Cairo, Egypt.

MECAP 2010, supported by the top level Associations in Antennas & Propagation, provides, through its presentations and exhibition, the ideal place for the exchange of scientific and technical information, both at academic and industrial levels, and fosters collaboration and cooperation in the Antenna & Propagation domain both at Middle East and global levels.

MECAP – 2010

1st Middle East Conference on Antennas and Propagation (MECAP)
Cairo – Egypt

Conference Chair:

Prof. Dr. Hadia El Hennawy
The Dean - Faculty of Engineering, Ain Shams University

Conference Speakers:

Prof. Dr.-Ing. Thomas Kaiser (Hannover University)
Dr. Feng Zehng (Hannover University)
PD Dr.-Ing. Rene' Marklein (Kassel University)

Conference Management Board:

Dr.-Ing. Mohamed El-Hadidy (Board Chair)
Dipl.-Ing. Souhir Daoud
Eng. M. Esam, Eng. Rania Morsi
M.Sc. A. Bahaa, M.Sc. A. El-Kafrawy
Eng. A. Fawqy, Eng. A. Hashem





Next Workshop

It would be held on Saturday 12th of December at **Cairo University**

Dr. Islam Eshrah is going to present an exciting presentation about his recent research activities.

Participants are going to attend and contribute:

Prof. Esmat & Dr. Halah (National Research Centre)

Dr. Hany Hammad (GUC)

Prof. Abdelmajied Allam (MTC & GUC)

Dr. Ayman Al-Tager & Dr. Hisham Mohamed (Military Technical Collage)

Dr. Ali Darwish (AUC)