



Basic Information :

Name : KAMEL MOHAMED MAHMOUD HASSAN

Title : Associate Professor

Kamel HASSAN was born in 1946 (IEEE: M'84', SM' 98'). He received the B.Sc degree in electrical engineering from the Military Technical College [MTC], Cairo, Egypt in 1967 {Grade: Very Good } ,Diploma degree in communication in 1968 from the same college, then he is granted the M.Sc. degree from Cairo University, Egypt in 1979. He got the Ph.D. degree from Paris XI University-France, 1983. Since 2007 he joined the Faculty of Engineering &Technology-Future University. Since this date he is acting as a head of Electrical engineering Dept. From 1991 to 2006, he was working as an associate professor in Electrical Engineering and Computers Dept, Higher Technological Institute [HTI], 10th of Ramadan city, Egypt. He was heading this department from August 2002 to February.2004.He was appointed as Professor Emirate in HTI from 2006 to 2007.

He served as a Student Branch Counselor [HTI] from 1998 to 2007.He served as a jury member of Student Paper Contests, IEEE, Region 8 from 2002 to 2008.

Dr. Kamel was appointed as an assistant professor in communication department, Military Technical College, Cairo Egypt, from 1984:1990.He was working as a staff member in Military Technical Institute [MTI] from 1969:1980.He has over 30 published research papers in periodicals, scientific bulletins and proceedings. His interests include optical transmission technology and digital communication.

Education :

Certificate	Major	University	Year
PhD	Treatements de signaux	Paris-Sud University	1983
Masters	Electronics & Communications	Cairo - Egypt	1979
Diploma	Communication	Military Technical College	1968
Bachelor	Electrical Engineering, Communications Branch	Military Technical College	1967

Research :

Generation of High Quality Microwave Signal Using Different Optoelectronic Techniques

A comprehensive simulation study of hybrid halide perovskite solar cell with copper oxide as HTM

Simulation of time-spreading wavelength-hopping OCDMA systems

A Comparative Study of different ETMs in perovskite solar cell with inorganic copper as HTM

Undetectable Tapping Methods for Gigabit Passive Optical Network (GPON)

Generation of High Stability Microwave Signal using Optoelectronic Oscillator based on Long Fiber Delay Line

Tunable Brillouin Opto-Electronic Oscillator based on double fiber loop mirror

The Effect of FWM and SRS on the Performance of WDM Systems with Optical Amplifiers

High Quality tunable Brillouin optoelectronic oscillator

One Chip Coherent Fiber Optic CDMA Receiver

Optical Communications

Optical Communications

Secure Communications

Optical Communications

Performance Comparison of Different OCDMA Encoding and Decoding Techniques

Conference :

SIMULATION OF TRADITIONAL AND BALANCED OPTICAL CODE DIVISION MULTIPLE ACCESS RECEIVERS

The Effect of FWM and SRS on the Performance of WDM Systems with Optical Amplifiers

High Quality tunable Brillouin optoelectronic oscillator

The 1st IEEE EDS Mini-colloquium on Nanotechnology & Related Topics

National Radio Science Conference

EUROCON 2007

MELECON 06,

Warsaw SPIE Congress, Photonics Applications

EUROCON 05,

MELECON 04

EUROCON 03,

IEEE Region 8 Student Branch Congress