

International Conference On, Latest Trends In Electrical Engineering & Computing Technologies

15 - 16 NOVEMBER 2017, KARACHI, PAKISTAN

<http://intellect.pafkiet.edu.pk>

Call For Papers

College of Engineering, Pakistan Air Force Karachi Institute of Economics and Technology is organizing a 2 days conference, "2017 First International Conference on Latest trends in Electrical Engineering and Computing Technologies (Intellect 2017)" on 15-16 November 2017 in Karachi.

This conference is technically co-sponsored by **IEEE Karachi Section** and will be addressing the latest research directions in the field of **Microelectronics, Information Processing, Communications and Networking, Digital and Embedded Systems, Controls, Robotics, & Computing Technologies**.

The aim of this conference is to bring together researchers, scientists, academicians and representatives of industry to discuss the latest directions of research in engineering technologies, identify solutions to current national problems through industry-academia collaboration and to contribute in nation building.

Intellect 2017, is a multi-track conference and invites original unpublished manuscripts for submission in the technical Tracks mentioned, the proceedings of **INTELLECT 2017** will be published in **IEEE XPLORE**.

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Technical Tracks

Digital and Embedded Systems

FPGA Based Systems Design
FPGA Architecture and CAD
Embedded Real time Systems
Fault Tolerant Digital Systems
Network on Chip
Reconfigurable Systems
Hardware and Software Co-design

Computing Applications

Cloud/Fog Computing
Information Security
Mobile Computing
Operating Systems
Data Mining
Management Information Systems
Computing Architectures
Machine Learning
Super Computing
Information Theory and Coding
Memory Systems
Software Engineering
Grid Computing
Cluster Computing

Communication and Networking

Internet Of Things
Cellular and Broadband Wireless
Green Communication
Mobile Ad hoc Networks
Cognitive Radios
Software Defined Networks
Peer to Peer Networks
Next Generation Networks
Quality of Service
Data Management
5G and Beyond Technologies
Optical and RF Networks
Peer to Peer Networks
Wireless Sensor Networks
LiFi Communication
Secure Communication Networks
Cyber Physical Systems

Control & Automation

Automation & Robotics
Digital Control
Adaptive Control

Fuzzy Logic Control
Nonlinear Systems
Intelligent Systems
Process & Control
Modeling & Simulation
System Identification
Artificial Intelligence
Optimal and Robust Control
Control Applications in Other Areas

Microchip/Microsystem Design

RF IC Design, Low Power Transceiver
RF IC Design, Emerging Trends
ICs for WSN
New Materials for Integrated Circuits
Antenna Design for ICs
Monolithic Multi-Sensor Microsystems
5G RF ICs
High Speed Electrical Interconnects for ICs
VLSI Design
MEMS and NEMS

Signal Processing Systems

Pattern Recognition
Multidimensional Signal Processing
Image Processing
Biomedical and Genome Signal Processing
Neuromorphic Computing
Bioinformatics
Compressive Sensing
Convolutional Neural Networks
Speech/Music Processing and Coding
Deep Learning

Important Dates

Abstract Submission

May 20 2017

Full Paper Submission

June 15 2017

Notification of Acceptance

August 15 2017

Final Paper Submission

October 16 2017



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