CALL FOR PAPERS

The 9th IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference

IEEE UEMCON 2018
Columbia University, New York City, USA
8 – 10 November 2018

Call for Papers

All accepted and presented papers will be submitted for publication in the IEEE Xplore Digital Library

IEEE UEMCON 2018
The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of Information Technology, Electronics and Mobile Communication. Contributed papers are solicited describing original works in the above mentioned fields and related technologies. The conference will include a peer-reviewed program of technical sessions, special sessions, business application sessions, tutorials, and demonstration sessions.

Topics and Technical areas of interest include but are not limited to the following:

Track I: Computing
• Big Data, Data Management and Analytics
• Cloud Computing and Data Center Systems
• Distributed OS & Middleware
• Algorithms and Theory
• Security and Privacy
• Sensor Networks & Systems
• Mobile and Wireless Computing
• Cryptography and Applied mathematics
• Artificial Intelligence
• Mobile Computing
• Natural Language Processing

Track II: Electronics
• VLSI and Microelectronic Circuit Embedded Systems
• System on Chip (SoC) Design
• FPGA (Field Programmable Gate Array)
• Design and Applications
• Control Theory and Applications
• Robotics and Autonomous Systems
• Intelligent Control
• Robust Control
• Industrial Automation and Control Systems Technology
• Modern Electronic Devices

Track III: Mobile Communication
• Ad hoc networks
• Body and personal area networks
• Cloud and virtual networks
• Cognitive radio networks
• Cooperative communications
• Delay tolerant networks
• Future wireless Internet
• Green wireless networks
• Local dependent networks
• Location management
• Mobile and wireless IP

Track IV: Informatics and Engineering Applications in Medicine and Biology
• Data science, advanced analytics and big data in health
• Knowledge discovery and data mining in healthcare
• Natural language processing
• Cognitive radionetworks
• Ontology development for medical knowledge representation and management
• Digital and Connected Health

HIGHLIGHTS:
1) There will be two workshops:
   i. Data Analysis and IoT.
   ii. Poster Presentations
   iii. Corporate Keynote series
   iv. A Special Session on Informatics and Engineering Applications in Medicine and Biology.

Important Deadlines
• Full paper Submission : 22nd August 2018
• Acceptance Notification : 22nd September 2018
• Camera Ready Paper Submission : 7th October 2018
• Registration : 20th October 2018
• Presentation Submission : 28th October 2018

Conference Web Site
For additional information, please visit:
http://iieee-uemcon.org/

Contact: For general queries, please email us at:
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Registration link : here.