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The 8th IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference

IEEE UEMCON 2017

Columbia University, New York City, USA

19 - 21 October 2017



CALL FOR PAPERS

Accepted and presented papers will be submitted for publication in the
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For additional information, please visit the UEMCON Conference Web Site:

<http://www.ieee-uemcon.org>

Or, for general queries, please email us at:

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IEEE UEMCON 2017

The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of in Computing, 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.

Call for Contributed Papers

Prospective authors are invited to submit their full paper(s) electronically through EDAS. Papers will be reviewed by at least two referees for technical merit and content. Accepted papers must be presented at the conference by an author whose name will appear in the proceedings. Papers presented will be submitted for publication in IEEE Xplore.

For further details, and information on paper categories, please see our website:

http://ieee-uemcon.org/?page_id=53

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
- Energy Management and Green Computing
- Sensor Networks & Systems
- Mobile and Wireless Computing
- Cryptography and Applied Mathematics
- File and Storage Systems
- Local Algorithms and Congestion Aware Algorithms
- Artificial Intelligence
- Mobile Computing
- Natural Language Processing
- Signal and Image Processing

Track II: Electronics

- VLSI and Microelectronic Circuit Embedded Systems
- System on Chip (SoC) Design
- FPGA (Field Programmable Gate Array)
- Design and Applications
- Electronic Instrumentation
- Electronic Power Converters and Inverters
- Control Theory and Applications
- Robotics and Autonomous Systems
- Intelligent Control
- Optimal Control
- Robust Control
- Adaptive Control
- Linear and Nonlinear Control Systems
- Complex Adaptive Systems
- 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
- Mobile computing
- Multi-hop networks
- Network architectures
- Network Security
- Routing, QoS and scheduling
- Satellite communications
- Self-organising networks
- Wireless multicasting, broadcasting and geocasting
- Wireless sensor networks

Important Deadlines

- Full Paper Submission: **14th AUGUST 2017**
- Acceptance Notification : **25th AUGUST 2017**
- Camera Ready Paper Submission: **15th SEPTEMBER 2017**
- Author Registration Due by: **15th September 2017**

Other events along with the conference

- Workshop on Raspberry PI
- Poster Presentation