



IEEE AFRICON 2019 CALLS FOR PAPERS

The IEEE Region 8 flagship conference in Africa, IEEE AFRICON is to be hosted at the GIMPA Executive Conference Centre in beautiful and hospitable city of Accra, Ghana.

IEEE AFRICON 2019 provides a platform for academic and industry professionals from all over the world to share ideas, present their latest research and to network. The conference covers the full spectrum of IEEE activities.

● SUBMISSION OF PAPERS

Prospective authors are invited to submit original technical papers in English, of up to 8 pages in IEEE conference format. Accepted and presented papers will be published in the IEEE AFRICON 2019 proceedings and submitted for inclusion in the IEEE Xplore Digital Library.

The thematic areas of interest are (but not limited to) computational intelligence, communication networks, cloud computing and Internet of Things, Power and Energy Systems, Electrical and Electronic Systems, and Engineering and Technology for Development. Please find below more details (but not limited to) the thematic areas of interest.

● COMPUTATIONAL INTELLIGENCE

- Artificial Intelligence, Optimization and High Performance Computing
- Bioinspired algorithms and computation
- Evolutionary algorithms
- Neural Networks
- Fuzzy Logic
- Robotics and Artificial Intelligence
- Blockchain techniques and applications

● COMMUNICATION NETWORKS

- Communication theory, protocols and concepts
- Real-time communication and media technologies
- Communication QoS, Reliability & Modelling
- Next Generation Networking and the Internet
- Communication and Signal Processing
- Electromagnetics, Antennas and Optics
- Mobile and wireless networks
- Software Define Networks
- Network Virtualization

PAPER SUBMISSION DEADLINE: 14TH MAY, 2019



- Virtual reality and augmented reality
- Cyber Security and Trust
- **ENGINEERING AND TECHNOLOGY FOR DEVELOPMENT**
 - Smart Agriculture
 - Smart cities and transportation systems
 - Engineering Management and Education
 - Affordable Emerging Technologies for Education
 - e-Health, ICT4D
- **POWER AND ENERGY SYSTEMS**
 - Power Generation and Distribution systems
 - Distributed Energy Systems
 - Power Systems modelling and Simulations
 - Power Electronics and Devices
 - Cyber and physical security of power systems
 - Smart Grid systems
 - Renewable Energy Systems and technologies
 - Power control systems
 - Wireless power transfer
 - Transportation power electronics
- **CLOUD COMPUTING AND IOT**
 - Enterprise Engineering, Architecture and Enterprise Information Systems
 - Mobile and pervasive computing systems
 - Internet of Things and Internet of Everything
 - Fog Computing
 - Sensing and Intelligent Systems (Sensors, Sensor Networks, Remote Sensing)
 - Distributed and parallel computing systems and algorithms
 - Virtualization Techniques
 - Software engineering
 - Big data Analytics and data mining techniques
- **ELECTRICAL AND ELECTRONIC SYSTEMS**
 - Biomedical Engineering, Nanotechnology
 - Engineering Applications and Health
 - Electronic Devices and Circuits
 - Digital Signal and Image processing
 - Control systems and automation



IEEE GHANA SECTION
Fostering Competent Professionals in Ghana for Accelerated Development