



December 17-19, 2019, Constantine, Algeria

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Aims and Scope

The Fourth International Conference on Electrical Engineering and Control Applications (ICEECA'19) provides a forum for specialists and practitioners to present and discuss their research results in the several areas of the conference, and also state of the art findings in using the applied electrical engineering and automatic control to solve national problems that face developing countries. The conference ICEECA'19 publishes papers on theoretical analysis, experimental studies and applications in the domain of automatic control and computer engineering. The objective of the conference is not only the exchange of knowledge and experience, since the conference is an open door to students, but also provides opportunities for researchers to target future collaboration on current issues.

Topics of interest include, but are not limited to the following:

Control and systems engineering

Biomedical control systems, Fuzzy and Neural systems, Robust control, Predictive and adaptive control, Nonlinear control, Optimal and stochastic control, Real-time control, Mechatronics & Robotics, Hybrid systems, Intelligent control systems, Control and Embedded systems.

Renewable energy

Bioenergy and sustainability, Wind energy, Solar energy, Thermal energy, Hybrid renewable energy, Fuel cell, Energy storage and management, Energy transfer, Photovoltaic energy, Biomass, Geothermal, Nuclear energy, Algorithms, Complexity and stability.

Faults Diagnosis-Faults Tolerant Control

Fault accommodation, Fault detection and identification, Fault diagnosis, Fault estimation, Fault tolerant systems, System reconfiguration.

Large Scale Systems

Discuss new developments useful in handling complexity in modeling, control and optimization of large scale complex systems such as urban traffic systems, power, Environmental systems.

Unconventional algorithms in control engineering

Nature-inspired algorithms in synthesis, Control and identification of nonlinear and complex systems, Fractional order systems and control, Deterministic chaos control, Complex networks control, Big Data in control engineering,

Signal and Communications

Signal processing, Cryptography, Biometry and medical imaging, Image segmentation and scene analysis, Data fusion and pattern recognition, Communication systems, Wireless technologies, Antennas and propagation, Modulation and signal design, Satellite communications.

Paper Submission

Prospective authors are invited to submit their papers written in English: The full papers (in pdf format) should be submitted in standard IEEE double-column format for conferences via

<https://easychair.org/my/conference?conf=iceeca2019>

All accepted papers will be printed in **Lecture Notes in Electrical Engineering** series (Springer), now indexed by **ISI Proceedings, EI-Compendex, SCOPUS, MetaPress, and Springerlink.**

Extended version of selected papers will be considered for possible publication in the following reputed journals:

- **Journal of Advanced Engineering and Computation (JAEC)**

Important Dates

Paper submission deadline: **July 31, 2019**
Author notification: **October 05, 2019**
Final paper Submission: **October 20, 2019**

Registration Fees

Ordinary Participants	15000 DA
Ordinary Students	12000 DA
Foreign Participants	300 Euros

Sponsors

