



CALL FOR PAPERS

ICTECE 2020
Jul 17-18, 2020
Helsinki, Finland

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICTECE 2020 : International Conference on Theoretical Electrical and Computer Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Theoretical Electrical and Computer Engineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Electromagnetic fields
Fundamental aspects of field theory
Boundary conditions in electromagnetic fields
Numerical algorithms
Optimization of electrical fields
Low and high frequency domain
Circuit and system theory
Linear and nonlinear circuits
System theory
Nonlinear aspects of power systems
Circuits and applications
Signal processing and identification aspects
Advanced methods of signal processing

Mixed description of fields/circuits and signals
Signal processing algorithms and their implementation
Nonlinear dynamics and signal processing
Classical and non-classical aspects in identification theory
Signal processing using neural networks
Biomedical signal processing
Advanced mathematical concepts in networks and fields
Nonlinear control systems
Mathematical modeling aspects
Multivariable large-scale systems
Lumped and distributed parameter systems
Quantum computing