



CALL FOR PAPERS

ICGCT 2020
Jun 18-19, 2020
Riga, Latvia

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.

ICGCT 2020 : International Conference on Green Computing Technologies is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Green Computing Technologies. 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:

Green computing and communication technologies
Green infrastructure sustainable design and technologies
Green computing models, simulations, designs, and paradigms
Green ICT operation with renewable energy
Green materials and devices
Green high-performance computing and applications
Cross-layer optimization of green networking infrastructures
Energy- and power-constrained devices and gateways
Ultra-low power systems architectures
Low-power, distributed data processing on sensors
Energy-efficient M2M wired and wireless communications and networking
Optimization and/or analysis in green computing and communications
Green big data architecture

Green cloud computing
Energy efficient networking, communication and protocols
Energy efficiency in networking, wireless networks and vehicular networks
Energy efficiency in data centers and large-scale data processing
Measurement and modeling of energy consumption
Standardization and benchmark
Smart energy and smart grid
Smart metering infrastructure and technologies
Large-scale monitoring, control and demand response
Advanced data fusion, mining and modeling in smart grid
Management and control of distributed energy generation, storage and consumption
Advanced smart grid applications: grid-to-vehicle and vehicle-to-grid, micro-grid
Renewable energy generation and new energy sources