



www.aria.org

**The Seventh International Conference on Green
Communications, Computing and Technologies
GREEN 2022**

October 16 - 20, 2022 - Lisbon, Portugal

<http://www.aria.org/conferences2022/GREEN22.html>

Important deadlines:

Submission (full paper)	June 16, 2022
Notification	July 10, 2022
Registration	July 24, 2022
Camera ready	July 31, 2022

Tracks:

Hot research/industrial areas

Improving Green-ness
Eco-Design-energy efficiency
Green-oriented protocols, computation and services
Circuitry for energy harvesting and scavenging
Underwater energy harvesting
Energy harvesting from stall flutter limit cycle oscillations
Ultrasound acoustic wave energy transfer and harvesting
Ocean wave vibration energy harvesting
Atmosphere monitoring and Green-technologies for Environmental Challenges
Remote monitoring the batteries
Battery materials and mechanisms
Hybrid solar energy - thermal energy - wind energy
Energy storage
Grid-oriented energy systems
Vehicular pollution
Electric/hybrid vehicles
Harvesting of marine microalgae/agricultural crop for biodiesel production
Power distribution grids
Optimal planning in smart cities and smart meters
Green-ness incentives
Green-ness education and motivation

Green-awareness

Green-aware engineering methodologies
Green and sustainable computing
Green computing and communication technologies
Data-aware green computing
Energy-efficient computing and supercomputing
Intelligent signal processing for Green communications
Green cloud computing

Green computing and Internet of Things (IoT)

Energy-related

Energy Harvesting Communications
Energy-efficiency for 5G Networks
Energy-efficient Data Centers
Energy-efficient Data, Services and Memory Management
Energy awareness in Big Data Processing and Storage
Energy-efficient Protocols and Networking
Green Scheduling and Resource Allocation for Communications
Smart Energy and Smart Grid
Power Quality, Power Electronics and Electric Machines
Smart Grid Applications: Grid-to-Vehicle, Vehicle-to-Grid, Micro-Grid
Renewable Energy Generation and New Energy Sources
Pervasive Energy Services

Green technologies and services

Smart Sensing, Metering Systems, Smart Cities
Green Vehicles, Green Homes, Green Buildings
Green Industrial Automation and Control
Green Intelligent Transport Systems
Green Technologies for Mobile, Wireless, Wired Industrial Networking
Green Data Storage, Data Centers
Privacy, Safety, and Security in Green-aware Services
Energy-constrained and Power-constrained Devices, Gateways and Systems
Green Standardizations and Benchmarks for ICT
Metrics for Sustainability and their Validation
Ecosystem Modeling