The purpose of the 7th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS) is to bring together researchers, designers, developers and practitioners interested in the advances and applications in the field of Smart Cities, Green Information and Communication Technologies, Sustainability, Energy Aware Systems and Technologies.

7th International Conference on Smart Cities and Green ICT Systems SMARTGREENS

Website: [http://www.smartgreens.org/](http://www.smartgreens.org/)

March 16 - 18, 2018 Funchal, Madeira, Portugal

In Cooperation with: IEEE Technical Area in Green Computing, Siemens, EDSO and APEA

Sponsored by: INSTICC

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IMPORTANT DATES:

Regular Paper Submission: October 16, 2017
Authors Notification (regular papers): December 15, 2017
Final Regular Paper Submission and Registration: January 4, 2018

Conference Topics:
Area 1: Energy-Aware Systems and Technologies
- Architectures for Smart Grids
- Scheduling and Switching Power Supplies
- Energy Profiling and Measurement
- Harvesting Energy
- Energy-Aware Process Optimisation
- Optimisation Techniques for Efficient Energy Consumption
- Microgeneration
- Smart Energy Storage
- Load Balancing in Smart Grids
- Energy Management Systems (EMS)
- Economic Models of Energy Efficiency
- Energy Monitoring
Area 2: Sustainable Computing and Systems
- Wireless Systems and Networks
- Smart Homes (Domotics)
- Educational Ecosystems
- Green Computing and Education
- Case Studies on Green Computing and Communications
- Interoperability
- Energy Efficient Network Hardware
- Energy-Efficient Communication Protocols
- Internet of Things
- Green Software Engineering Methodologies and Tools
- Virtualisation Impact for Green Computing
- Security and Privacy
- Green Computing Models, Methodologies and Paradigms
- Wearable Computing
- Green Data Centers
- Algorithms for Reduced Power, Energy and Heat
- Green Communications Architectures and Frameworks
- Qos and Green Computing
- Integration of Smart Appliances
- Embedded Sensor Networks

Area 3: Smart Cities and Smart Buildings
- Case Studies, Business Models and Innovative Applications for Smart(er) Cities
- Internet-Enabled Infrastructures and Services
- Service Innovation and Design to Support Smart Cities
- e-Health systems
- Smart Sensor-Based Networks and Applications
- Big Data and Urban Data Analytics
- IS Architecture Designs and Platforms for Smart Cities
- Case Studies and Innovative Applications for Smart(er) Cities
- Planning and Design Challenges for Smart Cities
- Frameworks and models for Smart City Initiatives
- Safety, Security, and Privacy for Smart Cities
- Human Smart Cities
- Smart Buildings
- Intelligent Transport Systems and Traffic Management
- e-Mobility and Smart Transport
- Intelligent Buildings
- Urban Monitoring and Optimisation
- User-Centred and Participatory Design of Services and Systems for Smart Cities
- Innovation Labs, Experimental Test-Beds and Simulation Environments
- Mechanisms for Motivating Behaviour Change
Area 4: Demos and Use-Cases
- Technologies Demos used in Smart Cities
- Case Studies
- Energy Management Systems
- Visualisation Tools
- Optimisation approaches
- E-Vehicles demos
- Smart Home Devices
- Educational Systems and demos
- Experiments
- Software Tools

SMARTGREENS CONFERENCE CHAIR:
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PROGRAM COMMITTEE
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