

Call For Papers

Important dates

Paper Submission Deadline : July 30, 2019

Notification of acceptance: August 30, 2019

Camera ready: September 08, 2019

ICO2S Special Session:

ICO2S: Intelligent control and optimization in smart systems

The systems developed under the concept of Smart Cities aims to apply new technologies to obtain sustainable economic development and provide better quality of life by using information and communication technologies. Cities are increasingly turning towards specialized technologies to address issues related to Smart Economy, Smart People, Smart Governance, Smart Mobility, Smart Environment, and Smart Living. The emerging concept of Smart Cities highly encourages this prospect by promoting the incorporation of artificial intelligence, sensors and Big Data through the Internet of Things (IoT).

A Smart City (or digital city) uses telecommunications networks infrastructures (WIFI, 3G, 4G, VANET, ...) for automation control of remote sensors devices in order to improve the quality of life inside cities by efficient management of cities infrastructures in terms of intelligent transportation, smart grid, health care and housing.

This session aims to gather researchers and practitioners in order to share experiences and ideas on innovative developments of smart city concepts including Smart Mobility, Smart Grid, Intelligent Transport Systems (ITS) and Intelligent Data Analysis.

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

- Artificial intelligence for energy consumption optimization (Intelligent control of Smart Grid, ...)
- Artificial intelligence for ITS (Traffic light control, ...)
- Intelligent control for environmental systems (wastewater treatment, Air pollution ...)

- Intelligent control for natural and biological systems (fisheries resources, water resources...)
- Intelligent control of building
- Optimization in IoT
- Agriculture Automation

Co-chairs

- ADDAIM ADNANE : ENSA, Ibn Tofail University, Kenitra, Morocco
- EL MAZOUZI EL HOUSSINE : Cadi Ayyad University, Marrakech, Morocco
- AMAL TMIRI : FS El-Jadida, Chouaib Doukkali University, Morocco

Contacts

- e.elmazoudi@uca.ma
- adnane.addaim@uit.ac.ma
- b_tmiri@yahoo.fr