# INTERNATIONAL WORKSHOP ON

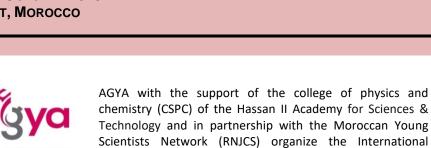
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# **SMART AND SUSTAINABLE CITIES:** BETWEEN REALITY & ASPIRATION

10-13 OCTOBER 2018 RABAT, MOROCCO

SCIENCES AND

HIMANITIES



## Scope:

Today, the number of people living in cities is growing. Spurred on by economic and smart cities technological changes, emerging. Using new technologies, smart cities are being designed, constructed, and maintained upon intelligent infrastructures spanning energy, resources, healthcare, and transportation. To make these urban centers of the future, safe, secure, environmentally sustainable efficient, it is required better optimizing their resources, planning their preventive maintenance activities, and monitoring privacy and security aspects while maximizing services to all the citizens. This workshop will provide a forum for researchers from various domains to present their results on techniques, policies, and standards required to acquire, process, and use spatio-temporal data.

## **Main Topics:**

To inspire the dialogue about the management and organisation, technology, governance, policy context, social aspects, economy, built infrastructure, and the natural environment, the workshop will include the following topics:

**Smart buildings Smart transportation**  **Innovative Policies** Smart grids & data

**Emergent materials** Smart healthcare

### **Description:**

Workshop on Smart and Sustainable Cities: Between Reality

The aim of this workshop is to bring scientist from different disciplines to investigate interdisciplinary solutions for the smart city concept, which so far have been neglected in the present analysis. Conscious of the high importance of this topic and the emergency of challenges posed by smart cities, this international workshop organized during two days, will bring the participants to discuss issues for addressing and assessing the environmental, health, and safety impact of engineered smart materials, the information and communication technologies to be deployed in future

There is no registration fee.

### Académie Hassan II des Sciences

Workshop Venues Hassan II Academy for Sciences & Technology



Faculty of Sciences, Mohammed V University



Université Mohammed V Faculté des Sciences Rabat

## **International invited Speakers:**

Representative of Leipzig city: Germany Representative of city of Rabat, Morocco I. Balasingham, Oslo Univ Hospital, Norway

- S. Kesselring, Bielefeld Univ, Germany
- S. Djahel, Manchester Metropolitan Univ, UK
- C. Fron, Heidelberg Univ, Germany
- M. Ringel, Nuertingen Geisling Univ, Germany
- J. Friesen, Helmholtz Centre, Germany
- Z. Hobaika, Saint Joseph Univ, Lebanon
- M-S. Mohsen, American Univ, UEA
- N. Martin, Universités à L'ENSMM, France O. Nour, Linkoping University, Sweden
- A-S. Gómez, Universitat Rovira Virgili, Spain

#### International Committee

- K. Brafi, Heinrich Heine Univ. Germany
- O. Corn, Offenburg University, Germany
- F. Djeffal, Batna Univ, Algeria
- L. B. Drissi, Mohammed V Univ, Morocco
- A. Fisher, Chemnitz Univ, Germany
- D. Djenouri, CERIST, Algeria
- J. Friesen, Helmholtz Centre, Germany
- C. Fron, Heidelberg University, Germany
- S. Haddad, El Manar Univ, Tunisia
- Z. Houbaika, Saint Joseph Univ, Lebanon
- S. Lounis, Forschungszentrum, Germany
- T. Redlich, Helmut Schmidt Univ, Germany A. Sakhrieh, American University, UEA

## **Local organising committee:**

- · College of physics and chemistry , Hassan II Academy for Sciences & Technology
- Moroccan Young Scientists Network (RNJCS)

#### **Workshop Coordinator**

Prof. Lalla Btissam Drissi

In Partnership with



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