

2018 International Conference on Smart City and Intelligent Building (ICSCIB 2018)  
Hefei, Anhui, China, on September 15-16, 2018

**Special Session on:**

**“Smart Home”**

**Session Organisers:**

**Professor Zhenya Zhang<sup>1</sup> and Dr. Ping Wang<sup>2</sup>**

<sup>1</sup>[zzychm@ustc.edu.cn](mailto:zzychm@ustc.edu.cn)

**Anhui Province Key Laboratory of Intelligent Building & Building Energy Saving**

<sup>2</sup>[wangping@ahjzu.edu.cn](mailto:wangping@ahjzu.edu.cn)

**School of Electronic and Information Engineering**

**Anhui Jianzhu University**

**Hefei 230022, China**

**Description:**

Smart Home can be as simple or as complex as you want. Maybe you are only interested in dimming the lights in your kitchen. Or, maybe you want to do something more comprehensive, more complex, like setting up the whole house to be on a certain schedule and to work with your family's daily routine. Whatever your needs, there's a Smart Home gadget or system to handle it for you. This special session introduces research progresses on smart home.

**Objectives:**

The aim of this special session is intended to seek the chance of exchanging recent achievements in smart home technology and its applications.

Original papers are welcome in smart home applications, smart home security, smart home embedded hardware and software, etc.

**🔍 Subject Coverage (not limited to)**

- Smart Home Applications:
  - Commercial and Industrial Application for Smart Home
  - Context Awareness Model for Smart Home Services
  - Semantic Knowledge Management and Services in Smart Home
  - Semantic Technologies for Smart Home
  - Smart Home (Building) Applications and Services
  - Smart Home Network Middleware and Protocols
  - Wireless Sensor Networks (WSN) / RFID application for Smart Home
- Smart Home Security:
  - Access Control And Privacy Protection in Smart Home
  - Forensics and Security Policy in Smart Home
  - Multimedia Security and Services in Smart Home
  - Security Protocol for Smart Home Service
  - Smart Home Security Issues and Model
  - WSN/RFID Security in Smart Home
- Smart Home Embedded Hardware and Software:

- Embedded Hardware Support for Smart Home
- Embedded Software for Smart Home
- Embedded System Architecture for Smart Home
- Middleware for Smart Home
- Power-Aware Computing for Smart Home
- Real-time OS for Smart Home
- Smart and Personal Devices for Smart Home
- Specification, Validation and Verification of Embedded Software