

## Special Track on Knowledge Acquisition in *Smart* Contexts: Systems, Methods and Applications

The proliferation of *smart* and *context-aware scenarios* is transforming and enhancing human-computer and device-to-device interactions in a myriad of contexts, such as health, energy, transportation, information management, and privacy & security. Therefore, multiple actors and resources need to co-exist (e.g. IoT devices, users, communications infrastructure) in an efficient and sound manner. The heterogeneous nature of such scenarios opens the door to new paradigms, from data retrieving and processing to wisdom acquisition.

Based on the features described above, this session aims to address the challenges and open issues related to smart contexts by using novel and sound methods and technologies, as well as establishing a forum for exchanging ideas, thoughts and contributions. High-quality contributions addressing related theoretical and practical aspects are expected that cover (but are not limited to) the following topics:

- IoT-based applications
- Security and privacy frameworks for IoT-based smart cities
- Smart healthcare
- Smart and cognitive cities
- Recommendation and prediction systems in context-aware environments
- Smart transportation systems
- Process management and personalized services using smart cities infrastructures
- IoT, ICT and smart cities data interoperability challenges and solutions
- Blockchain-based data management and processing

### Paper Submission

- Papers due: **June 22, 2019**
- Notification due: June 30, 2019
- Camera-ready due: July 14, 2019
- Conference date: September 20-22, 2019

### Organizers and Co-Chairs:

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### **Submission Guidelines**

- (1) Short papers (3-4 pages) are also accepted.
- (2) Please follow the instructions (<https://seeda2019.unipi.gr/authors/>) for the submission process and choose “*Special Track 6 ...*” for the Topic selection.

### **Contact Information**

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