



Call for papers:

Intelligent Services for Smart Cities

Special issue

Journal of Universal Computer Science

Background

It has been important to understand urban data (e.g., weather, traffic, and energy) that can be acquired from our cities. Various methods for processing such urban data have gained great attention of scientific community over the last several years. The urban data challenges ranges from handling the size and variety of urban data, to dealing with the complexity of the underlying physical models, to addressing the concerns on protecting individual's privacy, and so on. However, the past few years have seen significant advances in addressing such challenges by researchers who are stepping up their efforts in understanding the biology of cities using big data. It is our hope that through this workshop, the knowledge, experiences, and lessons can be shared to make data mining an essential and easy-to-use tool for the Smart City applications.

In this special issue, we will concentrate various research and industrial issues on smart city management systems in many kinds of intelligent systems. The aim of this issue is to bring together researchers and practitioners in areas of information management and knowledge-based systems to share their research achievements and experiences. This will give an opportunity to push further the discussion upon of knowledge integration across many academic and industrial communities. We cordially invite all potential authors to submit papers to this issue. All papers will be peer reviewed by the Board of Reviewers.

The papers for *J.UCS* (<http://www.jucs.org/>) should be suitable for experts in the respective fields, but also accessible to wider academic audiences. In view of the publication venue, all papers should contain some relation to computing issues. Furthermore, it is expected that authors cite relevant articles from the *Journal of Universal Computer Science* in their papers. Contributions should fall within the categories (a) research contributions, (b) notes, or (c) surveys (for further elaboration, see http://www.jucs.org/jucs_info/aims).

Topics

The Special Issue is devoted to intelligent services and systems for smart cities. We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of this issue includes, but is not limited, to the following topics:

- Big Data processing for Smart Cities
- Mining Big data streams for Smart Cities
- Smart traffic data processing
- Smart energy data processing
- Smart buildings

Important dates

- Submission of full papers: **Sept. 15, 2017**
- First decision notification: **Dec. 15, 2017**
- Revised submission deadline: **Feb 15, 2018**
- Final decision notification: **Mar 15, 2018**
- Expected Publication Date: **To Be Announced**

Only high quality original papers will be selected after reviewing process. Author should submit their papers via e-mail to: j2jung@gmail.com. The subject of the e-mail should be: **[JUCS – Smart Cities]**. Submissions will be reviewed by at least 3 reviewers following a double-blind review process.

All submissions must be written in English and follow the JUCS's special issues guidelines: http://www.jucs.org/ujs/jucs/info/submissions/style_guide.html . The length of the manuscript may not exceed 20 pages.

Looking forward to your contributions.

Prof. Jason J. Jung, Chung-Ang University, Korea

Prof. Andrés Muñoz, Catholic University of Murcia, Spain

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