

MMB 2018

Call for Papers

Workshop on Smart Cities: challenges and opportunities (SMACIT 2018)

February 28, 2018, Erlangen, Germany

Workshop Website: http://mmb2018.de/ws_sc.html

General Information

The workshop discusses challenges and opportunities for Smart Cities including new technologies that can help make cities more inhabitable, cleaner, and more equitable. Coping with emerging challenges in engineering and computer science diverse complex cyber systems of Smart Cities requires the use of the state-of-the-art technologies and solutions in smart sensing, IoT, networking, cloud computing and big data. Typical research areas include: energy systems for Smart Cities, transportation & mobility, clean environment, public health, and social services.

The workshop is set up to provide a platform for interdisciplinary researchers, industry solution vendors and government agencies to exchange innovative ideas, challenges, opportunities, research results and solutions for future Smart Cities. The workshop is concerned with the long-term effects and appropriate measures to increase Smart City solutions.

Topics

- **Smart City frameworks and platforms**
- **Smart Governance:** Smart City IT connectivity management; data management and warehouse; network management, infrastructure and services
- **Smart Energy:** Intelligent electricity, grids, meters; city utility consumption and economic analysis; integration of electric vehicles
- **Smart Transportation:** transportation systems and technologies; transportation planning and evaluation; transportation behavior analysis & prediction
- **Smart Environment:** environment monitoring and analysis; air/water/soil analytics
- **Smart Public Health:** healthcare service monitoring; public health and management
- **Smart Social Services:** education and training; smart recreation

The workshop is organized in cooperation with the conference MMB 2018. Please register via the conference registration at <http://mmb2018.de/registration.html>

Submissions

Authors are encouraged to submit a PDF version of their original contribution either as an extended abstract of 4 pages or as a short paper not exceeding 6 pages. All submissions must adhere to the FAU University Press format ([Author's Guidelines and Template](#)). The paper must be submitted electronically **prior to the deadline October 20, 2017** via EasyChair at:

<https://easychair.org/conferences/?conf=smacit2018>

Notification of acceptance will be sent to the authors no later than **November 25, 2017**.

The final PDF versions of accepted papers is due by **December 10, 2017**. All accepted contributions will appear in the workshop proceedings. A registration of at least one co-author as a workshop or conference participant is required before the deadline.

The workshop is organized in cooperation with the conference MMB 2018.

Organizers

- Marco Pruckner (FAU Erlangen-Nürnberg)
- Anatoli Djanatliev (FAU Erlangen-Nürnberg)
- Anne Remke (WWU Münster)
- Martin Matzner (FAU Erlangen-Nürnberg)