



ACM SenSys 2017

Delft, The Netherlands

Nov 6 -8

Call for Papers

The ACM International Conference on Embedded Networked Sensor Systems (SenSys 2017) is the premier computer systems conference focused on the architecture, design, implementation, and performance of sensor-enabled computer systems. The conference takes a broad view on the areas of computing that are relevant to the future of sensor systems, and topics of interest include -but are not limited- to the following:

- New platforms and hardware designs for sensor-enabled systems
- Systems software, including operating systems and network stacks
- Low power operation, energy harvesting, and energy management
- Applications and deployment experiences
- Protocols for sensing devices and their connection to the Internet
- Mobile and pervasive systems, including personal wearable devices and robots
- Sensing, actuation, and control
- Key system services such as time and location estimation
- Data management, including quality, integrity, and trustworthiness
- Learning, adaptation, and autonomy in cyber physical systems
- Heterogeneous multi-agent sensing, including human-robot sensor systems
- Fault-tolerance and reliability
- Security and privacy of sensor-enabled computer systems

In addition to regular papers on the topics above, ACM SenSys this year solicits **new directions** papers discussing the future of sensor-enabled computer systems. New direction papers shall present a compelling vision of the field **five years from now**, discuss what current or foreseeable technologies hold the highest potential within this time frame, and argue on what are the key research problems the community needs to tackle right now to eventually realize this vision. New direction papers will be reviewed separately by the SenSys steering committee. Accepted papers will be part of the proceedings, alongside regular papers, and their authors will be invited to a panel session, together with leading experts, to share their vision.

Important Dates

- Paper Registration and Abstract: April 3, 2017
- Paper Submission Deadline: April 10, 2017
- Notification of Paper Acceptance: July 17, 2017

Organization

- Koen Langendoen (General chair)
- Luca Mottola (TPC co-chair)
- Niki Trigoni (TPC co-chair)