

Call for Contributions

Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=UBICOMM+2017+Special>

Please select Track Preference as **CPSEA**

Special track

CPSEA: Cyber-Physical Systems and Emerging Applications

Chair and Coordinator

Dr. Ali Balador, Senior Researcher, RISE SICS Västerås, Sweden

ali.balador@ri.se

along with

UBICOMM 2017, The Eleventh International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies

November 12 - 16, 2017 - Barcelona, Spain <http://www.iaria.org/conferences2017/UBICOMM17.html>

Cyber-Physical Systems (CPS) tightly interact with the physical environment in an unprecedented ubiquitous and pervasive fashion and hold the promise of a revolution in the way we perceive the world and interact with it. These are enabling new cooperative and decentralized solutions that are targeting several domains. Examples are smart transport systems and autonomous vehicles, advanced manufacturing systems, mobile co-operating autonomous robotic systems, smart buildings up to smart cities and the like. The impact on society is considerable - thus dependability (safety, reliability, availability, security, maintainability, etc.) becomes an important issue, including resilience, robustness, and sustainability.

Topics include, but not limited to:

- Systems, Technology and Foundations of CPS
- Applications and Case Studies of CPS
- Smart and Connected Health
- Industrial Internet and Industry 4.0
- Smart City Technology and Applications
- Smart Transportation and Infrastructure
- Cloud, Middleware and Networks for CPS
- Industrial Networks and Systems
- Data security and privacy for CPS
- Safety and security co-engineering
- Communication and Infotainment Systems in CPS
- Sensor networks for CPS
- Simulation and visualization of CPS
- Testing and Validation of CPS

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: October 4
- Notification: October 11
- Registration: October 18

- Camera ready: October 18

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=UBICOMM+2017+Special>

Please select Track Preference as **CPSEA**

Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contacts

Ali Balador, RISE SICS Västerås, Sweden ali.balador@ri.se

UBICOMM logistics: steve@iaia.org