

Call for Participation

Cyber-Physical Systems Week 2015

April 13-16, 2015, Seattle, WA, USA

- Four premier conferences: HSCC, ICCPS, IPSN, and RTAS
- Sixteen workshops, tutorials, and PhD forums
- Posters, demos, and competitions
- Early registration deadline: March 10th, 2015. <http://www.cpsweek.org/2015/reg.html>
- Travel awards available: <http://www.cpsweek.org/2015/reg.html>
- Hotel discount rate deadline: March 7th, 2015. <https://aws.passkey.com/g/35184190>

Cyber-physical systems (CPS) are complex engineering systems that rely on the integration of physical, computation, and communication processes to function. Examples include smart cities, intelligent transportations, smart grids, smart buildings, smart homes, data centers, health care and wellbeing support systems. Such systems must be operated safely, dependably, securely, efficiently and in real-time. Advances in this field will have great technical, economic and societal impacts in the future.

CPS Week 2015 (<http://www.cpsweek.org/2015/>) to be held in the beautiful city of Seattle, Washington, USA, is the premier forum for academic, industry, and governmental researchers to present latest research results and exchange ideas on all aspects of CPS. The authors, program committees, and organizers cordially invite your participation.

Conferences:

- HSCC - 18th ACM International Conference on Hybrid Systems: Computation and Control (<http://ijk.imag.fr/hsc2015/>)
- ICCPS - 6th ACM/IEEE International Conference on Cyber-Physical Systems (<http://iccps.acm.org/2015/>)
- IPSN - 14th ACM/IEEE International Conference on Information Processing in Sensor Networks (<http://ipsn.acm.org/2015/>)
- RTAS - 21th IEEE Real-Time and Embedded Technology and Applications Symposium (<http://2015.rtas.org/>)

Workshops, Tutorials and Competition:

- Big Data Analytics in CPS: Enabling the move from IoT to real time control (<http://cps-vo.org/group/BigDataAnalyticsinCPS2015>)
- Second International Workshop on the Swarm at the Edge of the Cloud (<http://www.terraswarm.org/swec15/>)
- Second International Workshop on Robotic Sensor Networks (<http://www.cse.buffalo.edu/faculty/kdantu/rsn15/>)
- 6th Workshop on Medical Cyber-Physical Systems (MedicalCPS) (<http://workshop.medcps.org/>)
- 10th International Workshop on Feedback Computing (<http://cpslab.cs.mcgill.ca/feedbackcomputing15/>)
- 2015 IEEE workshop on Modeling and Simulation of Cyber-Physical Energy Systems (<http://www.palensky.org/mscpes/2015/>)

- 7th Workshop on AdaPtive and Reconfigurable Embedded Systems (<http://apres2015.di.fc.ul.pt/>)
- 1st Workshop on Cyber-Physical Systems for Smart Water Networks (CySWater) (<http://www.ics.forth.gr/spl/cyswater2015/>)
- 8th International Workshop on Numerical Software Verification (NSV-VIII) (<http://nsv2015.informatik.uni-freiburg.de/>)
- 2nd International Workshop on Applied verification for Continuous and Hybrid Systems (ARCH) (<http://cps-vo.org/group/ARCH>)
- 2nd Intl. Workshop on Emerging Ideas and Trends in Engineering of Cyber-Physical Systems (EITEC' 15) (<http://eittec.informatik.tu-muenchen.de/>)
- First TCRTS Workshop on Certifiable Multicore Avionics Systems (CMAS) (<http://rtsl-edge.cs.illinois.edu/CMAS/>)
- Tutorial: It's Time for Tock
- NSF Early-Career Investigators Workshop on Smart City and Cyber-Physical Systems
- Transatlantic Cyber-Physical Systems Summit
- 2015 Microsoft Indoor Localization Competition (<http://research.microsoft.com/en-us/events/indoorloccompetition2015/default.aspx>)

We look forward to seeing you in Seattle!

CPS Week 2015

Authors

Program Committees

Organizing Committee