IoTDI'2020
5th ACM/IEEE International Conference on Internet of Things Design and Implementation

April 21-24, 2020 – CPS-IoT Week – Sydney, Australia
https://conferences.computer.org/iotDI/2020/

ACM/IEEE IoTDI is the premier venue for all topics related to the Internet of Things. The conference is an interdisciplinary forum to discuss challenges, technologies and emerging directions in system design and implementation that pertain to IoT.

Papers are solicited on a range of topics, including but not limited to:

- Analytic foundations and theory of IoT
- Reliability, security, timeliness, and robustness in IoT systems
- Novel protocols and network abstractions
- Data streaming architectures and data analytics for IoT
- AI/ML for IoT & embedded systems
- IoT-motivated cyber-physical and Industrial IoT (IIoT) systems
- Novel quality requirements and their enforcement mechanisms
- Cloud back-ends and resource management for IoT applications
- Edge and fog computing
- Personal, wearable, and other embedded networked front-ends
- Social computing and human-in-the-loop issues
- Applications for specific domains (smart cities, health, ITS, …)
- Deployment experiences, case studies & lessons learned
- Evaluation and testbeds
- Energy/power management & harvesting for IoT platforms

Accepted papers of particular merit will be invited to submit an extended version to the *ACM Transactions on the Internet of Things* (TIOT).

General Chairs
Gian Pietro Picco (University of Trento, Italy)
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Social Media Chair
Tian Guo (Worcester Polytechnic Inst., USA)

Web Chair
Stephen Lee (University of Pittsburgh, USA)

Important Dates

Abstracts due: October 16, 2019
Full papers due: October 23, 2019
Author notification: January 15, 2020