



PerCom
Pervasive

Computing
2026

IEEE INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND COMMUNICATIONS

PerCom 2026 – Call for papers

IEEE PerCom, now in its 24th year, will be held in **Pisa, Italy, in March 2026** as an in-person physical event. PerCom is the *premier annual scholarly venue in pervasive computing and communications*. Pervasive computing is constantly at the forefront of mobile systems research, and has found its way into many commercial applications due to tremendous advances in a broad spectrum of technologies and topics such as wireless networking, mobile and distributed computing, sensor systems, ambient intelligence, and smart devices.

PerCom 2026 solicits research contributions in all areas pertinent to pervasive computing and communications, especially those that cross traditional research boundaries. In particular, PerCom targets contributions in:

Advances in pervasive systems and infrastructures: middleware systems and services; data engineering for pervasive computing; cloud, fog and edge computing; integrations of smartphones in pervasive experiences; applications of device-to-device coordination.

Theories, models, and algorithms: context modeling & reasoning; adaptive computing; activity & emotion recognition; programming paradigms; applied deep/federated/decentralized machine learning; causal learning; cognitive computing; complex networks; spatio-temporal modeling.

Domain-specific challenges and novel applications: urban/mobile crowdsensing & intelligence; PerCom for healthcare and well-being; cyber-physical PerCom; PerCom for space applications, smart homes and virtual assistants; mixed reality; sports analytics; crime prevention; pervasive nowcasting; urban robotics; pervasive AR/VR; smart vehicles; disaster sensing and management.

Intersections of PerCom with: IoT and sensor systems; Large Language Models; opportunistic networks; pervasive data science; cyber-physical systems; 3D networks.

Enablers for Invasive Computing instruments: security, privacy, and trust in Invasive Computing, and Ethical aspects of Invasive Computing.

New techniques for user-level concerns: participatory and social sensing; trust, security, privacy, fairness, and ethics; user interface, interaction, and persuasion; online and offline social networking; human-machine collaboration.

Technological innovations: architectures, protocols, and technologies for pervasive communications; energy-harvesting, self-powered, or battery-less systems; mobile and wearable systems; smart devices and environments; positioning, navigation, timing, and tracking technologies; device-free human sensing.

We welcome analytical, empirical, technological, methodological contributions. Strong systems engineering contributions backed by solid and appropriate evaluations are highly encouraged. **The impact of the contributions should be demonstrated in the context of pervasive computing and communications applications.**

Accepted papers must be presented in person by one of the authors.

Organizing Committee

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Chiara Boldrini, *IIT-CNR, IT*
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Workshops Chairs

Brent Lagesse, *U. W. Bothell, US*
Vaskar Raychoudhury, *Miami U., US*

Best Paper Award

The best paper will receive the prestigious **Mark Weiser Best Paper Award**

Workshops and Events

PerCom has a long history of highest-quality **workshops** on focused topics. We also welcome contributions to the **PhD Forum**, **Work In Progress** Posters, live **Demos** and an **n2women** event.

Submission & Information

Paper registration: Sept. 12th 2025

Paper submission: Sept. 19th 2025

Rebuttal notification: Nov. 14th 2025

Rebuttal submission: Dec. 5th 2025

Final notification: Dec. 22nd 2025