



PerCom
Pervasive

Computing
2026

IEEE INTERNATIONAL CONFERENCE ON PERVASIVE COMPUTING AND COMMUNICATIONS

PerCom 2026 – Call for papers

The 24th IEEE PerCom 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*. **PerCom 2026** solicits research contributions in all areas pertinent to pervasive computing and communications, especially those that cross traditional research boundaries:

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 Systems; 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 PerCom instrumentation: security, privacy, and trust in Pervasive Computing, and Ethical aspects of Pervasive Computing.

New techniques for user-level concerns: participatory and social sensing; fairness, ethics; user interface, interaction, 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, tracking; device-free human sensing.

We welcome analytical, empirical, technological, methodological contributions. Strong systems engineering contributions backed by solid and appropriate evaluations are encouraged. **Impact 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

General Co-Chairs

Chiara Boldrini, *IIT-CNR, IT*
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Brent Lagesse, *U. W. Bothell, US*
Vaskar Raychoudhury, *Miami U., US*

Two presentation modes

Spotlight: featured papers to receive increased visibility in the community.

Interactive: granted more time to interact with the on-site audience.

Best Paper Award

IEEE PerCom awards the prestigious **Mark Weiser Best Paper Award**

Workshops and Events

PerCom features 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: Oct. 3rd 2025

Paper submission: Oct. 3rd 2025

1st stage notification: Nov. 28th '25

Rebuttal submission: Dec. 5th 2025

Final notification: Dec. 22nd 2025

Camera ready: Feb. 2nd 2026