

CONFERENCE IN PERSON ACTIVE

PICom 2026 : The 24th IEEE International Conference on Pervasive Intelligence and Computing

LOCATION	SUBJECT / TOPIC	EVENT DATES	LAST UPDATED
Australia	General	November 9-13, 2026	8th July, 2026

DESCRIPTION

Over the last fifty years, computational intelligence has evolved from artificial intelligence, nature-inspired computing, and social-oriented technology to cyber-physical integrated ubiquitous intelligence towards Pervasive Intelligence (PI). The IEEE International Conference on Pervasive Intelligence and Computing is intended to cover all kinds of these intelligent paradigms as well as their applications in various pervasive computing domains. PICom 2026 is the conference on Pervasive Intelligence and Computing, previously held as PCC (Las Vegas, USA, 2003 and 2004), PSC (Las Vegas, USA, 2005), PCAC (Vienna, Austria, 2006, and Niagara Falls, Canada, 2007), IPC-2007 (Jeju, Korea, December 2007), IPC-2008 (Sydney, Australia, December 2008), and since 2009 as the name PICom. It aims to bring together computer scientists and engineers, providing a platform for vibrant discussions and exchanges on experimental and theoretical results, ongoing work, cutting-edge designs, and innovative test-environments or testbeds, while also delving into the latest advancements and novel trends in Intelligence and Machine Learning within the realms of Pervasive Intelligence and Computing.

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Tracks and Topics

- Track 1: Next-Gen Pervasive AI

- GenAI for wireless sensing
- Machine-to-machine GenAI
- Generative IoT
- GenAI for semantic communications
- Multi-agent network powered by GenAI
- Big Data and Smart Data
- Brain-inspired Computing
- Mobile Data Mining
- Ubiquitous Data Mining

- Track 2: Intelligent Networks, Middleware and Applications

KEY DEADLINES

Submission	15th Jul, 2026
Notification	1st Sep, 2026
Camera Ready	1st Oct, 2026
Conference	9th Nov, 2026

OFFICIAL LINKS

[Visit Submission Page](#)

CALL FOR PAPER URL
<https://callforpaper.org/cfp/call-for-papers-picom-2026>

Pervasive Networks/Communications
5G networks and Technologies
AI/ML for smart wireless networks
AI and machine learning-based applications for ad hoc networks
Cooperative and cognitive communication
Middleware for the IoT
Adaptive Middleware for Pervasive Systems
Context-aware applications
Intelligent/Smart IoT
Programming Abstractions for IoT

- Track 3: Pervasive Computing and Activity/Affect Recognition

Crowdsourcing and Social Computing
Collective Intelligence
Agent-based Computing
Pervasive Devices and RFIDs
Wearable Devices and Applications
Activity Recognition
Intelligent Social Networking
Pervasive Technologies for ITS
HCI for Pervasive Computing

- Track 4: Next Gen Smart Environments

Smart grid, healthcare, transportation applications
Wearable and human-centric devices and networks
Device Virtualization
Intelligent Cloud Computing
Services for Pervasive Computing
Smart Cities and Smart Homes
Privacy, Security and Trust in Smart Environments
Autonomous Pervasive Systems
Autonomous IoT
Digital Twins

- Track 5: Edge Intelligence Applications

ML for resource allocation at the Edge
NFV-Edge
5G-Edge
Edge-assisted IoT
Integration of Edge Computing and Blockchain
Edge-Cloud Continuum
Edge AI

- Track 6: Work-in-Progress (WiP) and Late Breaking Innovation (LBI)

The track covers all the topics, but it is aimed at either papers that have an original but not fully validated proposal (WiP) or present a breakthrough, a new vision, or an out-of-the-box idea on the field to be discussed at the conference

(LBI).

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Submission Instructions

Authors are invited to submit their original research work that has not previously been submitted or published in any other venue. Regular, work-in-progress (WiP), and workshop/special session papers need to be submitted via EDAS (link available soon) in IEEE CS Proceedings format. IEEE formatting info:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

All the accepted papers will be published by IEEE in the Conference Proceedings (IEEE-DL and EI indexed). Best Paper Awards will be presented to high-quality papers. Some papers, originally submitted as full papers and based on review results, can be accepted as short papers or poster papers. In such cases, the authors will need to reduce the number of pages of the paper accordingly when preparing the camera-ready version. Authors of accepted poster papers will be required (i) to prepare and submit the camera-ready version of the paper for inclusion in the conference proceedings and (ii) to realize the poster (format will be announced later) for its presentation at the conference.

At least one of the authors of any accepted paper is requested to register and present the paper at the conference.

Full Papers: 6-8 pages - WiP/WS/SS/Short Papers: 4-6 pages -

Poster Papers: 2-4 pages - Late-Breaking Innovation (LBI) Papers: 4-8 pages

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