



## The 10th IEEE International Conference on Progress in Informatics and Computing

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As the tenth edition of the PIC conference series, PIC2026 is a premier global forum advancing cutting-edge research in informatics, computing, and artificial intelligence. Under the theme “Bridging Breakthroughs in AI, Informatics & Next-Generation Computing,” the conference highlights leading work on large language models, intelligent systems, data science, and next-generation computing. The program will feature keynote speeches by world-renowned scholars, technical paper sessions, and interactive workshops. PIC2026 is sponsored by the IEEE Beijing Section and co-organized by Shanghai University of Finance and Economics, Fudan University, Shanghai University, Nanjing University of Science and Technology, and the Shanghai Computer Society (SCS). We warmly welcome researchers and practitioners from around the world to join us for academic exchange, networking, and collaboration. Topics of interest include, but are not limited to, the following:

#### Fundamental AI & Machine Learning

Automated Reasoning, Planning & Decision Making  
Bayesian Networks & Probabilistic Models  
Causal Machine Learning & Inference  
Deep Learning Theory & Architectures  
Explainable & Interpretable AI  
Fuzzy Logic & Soft Computing  
Reinforcement Learning & Multi-Agent RL  
Representation & Self-Supervised Learning  
Statistical & Evolutionary Learning

#### Multimodal & Generative AI

AI-Generated Code, Design & 3D Content  
Automatic Summarization & Captioning  
Evaluation, Watermarking & Safety for AIGC  
Generative Models (Diffusion, GANs, VAEs)  
Multimodal Fusion & Alignment  
Multimodal Large Models (MLLMs)  
Text to Image / Video / Audio / 3D Generation  
Video to Text & Multimodal Understanding

#### Perception & Human Interaction

Computer Animation & Digital Humans  
Computer Simulation & Virtual Environments  
Computer Vision & Pattern Recognition  
Digital Human Modeling & Avatars  
HCI & Affective Computing  
Speech & Audio Processing  
Video & Image Processing  
Video Question Answering & Understanding

#### AI Software Engineering

AI for Software Testing & Verification  
Automated Software Engineering & Repair  
Automatic Code Generation & Completion  
Ethics, Fairness & Accountability in AI Software  
Software Evolution & Maintenance with AI  
AI for Software Requirements & Design

#### Language & Knowledge Engineering

Case-based & Contextual Reasoning  
Decision Support & Expert Systems  
Information Retrieval & Relation Extraction  
Knowledge Graph Construction & Reasoning  
Knowledge Representation & Ontologies  
Natural Language Processing  
Question Answering & Conversational AI  
Retrieval-Augmented Generation (RAG)  
Text & Document Summarization

#### Intelligent Agents & Robotics

Autonomous Systems & Control  
Embodied AI & Perception-Action Loop  
Human-Robot Interaction & Collaboration  
LLM-based Agent Systems & Tool Use  
Value Alignment for Multi-Agent Systems  
Multi-Agent Systems & Distributed Intelligence  
Robot Learning & Manipulation  
Social & Collaborative Robotics

#### Systems, Security & Next-Generation Computing

Blockchain & Distributed Ledger Technologies  
Cloud, Edge & Fog Computing  
Green & Sustainable Computing  
Secure, Aligned & Privacy-Preserving AI Systems  
Internet of Things (IoT) & Cyber-Physical Systems  
MLOps, LLMops & AI System Engineering  
Optimization & Metaheuristics  
Service Computing & Orchestration

#### AI Applications & Interdisciplinary Research

AI for Business, Finance & Management  
AI for Computer Architecture & Systems  
AI for Education & Personalized Learning  
AI for Healthcare & Medical Science  
AI for Industry, Manufacturing & Materials  
AI for Science, Society & Governance

## Submission Instructions

- Authors are invited to submit original research papers of 4–10 pages (including references) in English, prepared using the IEEE conference format. Submissions must be original, unpublished, and not under review elsewhere. All accepted papers will be published in the IEEE categorized conference proceedings and submitted to EI Compendex as well as IEEE Xplore. Extended versions of selected papers will be recommended for publication in several international SCI-, EI-, and CSCD-indexed journals after the conference.
- Website: <http://www.picconf.com/>
- Submission Link: <https://cmt3.research.microsoft.com/ICPIC2026>
- Contact Email: [picconf@yeah.net](mailto:picconf@yeah.net)

## Important Dates

Submission deadline:	<b>August 31, 2026</b>
Final Notification:	<b>September 30, 2026</b>
Registration:	<b>October 20, 2026</b>
Conference Sessions:	<b>December 18–20, 2026</b>

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