كليات التقنية العليا
Higher Colleges of Technology

IEEE

11th International Conference

ITT 2026

INFORMATION TECHNOLOGY TRENDS

Intelligence in Action:
Autonomous Agents, Embodied AI, and the Cognitive Economy

28-29 OCT 2026 HCT-Dubai Academic City Campus

CALL FOR PAPERS

*Technically Co-Sponsored by IEEE
*Proceedings to be published in IEEE Xplore (Scopus-indexed)

INTRODUCTION

The 11th International Conference on Information Technology Trends (ITT 2026) invites researchers, academics, industry professionals, policymakers, innovators, and students to submit original research papers, case studies, industrial applications, and emerging technology contributions.

As artificial intelligence transitions from passive analytical tools to autonomous agents capable of sensing, reasoning, collaborating, and acting in real-world environments, ITT 2026 explores how intelligent systems are reshaping governments, industries, cities, healthcare, education, and the digital economy.

All accepted and presented papers will be published in IEEE Xplore and indexed by Scopus. This continues the conference's tradition of global visibility and scholarly rigor.

CONFERENCE VISION

The rapid advancement of Artificial Intelligence is transforming the way governments operate, industries innovate, cities function, and societies thrive. Moving beyond prediction and automation, intelligent systems are increasingly capable of autonomous action, physical interaction, and collaborative decision-making, creating new opportunities for economic growth, societal wellbeing, and national resilience.

ITT 2026 embraces this transformation through the theme "Intelligence in Action: Autonomous Agents, Embodied AI, and the Cognitive Economy." The conference serves as a global platform for researchers, practitioners, policymakers, entrepreneurs, and industry leaders to explore how intelligent technologies can empower smart government, strengthen national resilience, and accelerate the future digital economy.

ITT2026 - Empowering Smart Governance, National Resilience, and the Future Digital Economy

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Intelligence in Action: Autonomous Agents, Embodied AI, and the Cognitive Economy

The conference is structured around three strategic pillars:

Autonomous Agents and Embodied Intelligence

Smart Governance and National Resilience

The Cognitive Digital Economy

Together, these pillars provide a multidisciplinary framework for advancing research, innovation, and real-world deployment of intelligent systems that contribute to sustainable, secure, and human-centred digital futures.

CONFERENCE TRACKS

01

AI for Government, Public Services, and National Resilience

- Autonomous government agents
- Digital government
- Citizen services
- Government decision intelligence
- Disaster prediction and emergency management
- Climate, health, and infrastructure resilience
- Food, water, and supply-chain security
- Risk analytics and crisis response systems

02

Smart Cities, Sustainable Infrastructure, and Urban Intelligence

- Smart cities and cognitive cities
- Intelligent mobility and autonomous transportation
- Urban digital twins
- Smart infrastructure and utilities
- Sustainable urban development
- Environmental monitoring and urban analytics
- Smart energy systems and microgrids

03

AI for Human Wellbeing, Learning, and Development

- Healthcare AI and predictive healthcare
- Clinical intelligence
- Mental health technologies
- Healthcare robotics
- Human-centred AI
- AI literacy and workforce transformation
- Human-AI collaboration
- AI in education and future skills development

04

Autonomous Systems, Robotics, and Embodied Intelligence

- Robotics and autonomous systems
- Drones and unmanned systems
- Embodied AI and physical AI
- Human-robot collaboration
- Industrial automation
- Multi-agent systems
- Cyber-physical systems
- Autonomous decision-making

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CONFERENCE TRACKS:

05
Digital Economy, Innovation, and Cognitive Enterprises

- AI startups and entrepreneurship
- Innovation ecosystems
- Future industries
- Digital transformation
- Cognitive enterprises
- AI-driven business models
- AI in supply chains and logistics
- FinTech and digital finance
- Industry 5.0

06
Responsible AI, Cybersecurity, and Digital Trust

- Responsible and trustworthy AI
- Explainable AI
- AI governance and regulation
- Digital trust
- Privacy-preserving technologies
- Cybersecurity
- AI risk management
- Secure autonomous systems

PAPER SUBMISSION GUIDELINES

Submission Requirements:

- Full papers only (6 pages for regular papers, 4-6 pages for short papers)
- All papers must be original, unpublished work
- Papers will undergo double-blind peer review by three expert reviewers
- Submissions must follow IEEE conference paper formatting guidelines

Submission Portal:

Submit your papers at: https://easychair.org/conferences/?conf=itt2026

Formatting Instructions:

- IEEE Manuscript Templates for Conference Proceedings
- Microsoft Word

  US letter (DOC, 30 KB) Updated 2024

  A4 (DOC, 30 KB) Updated 2024
- LaTeX Template Instructions (PDF, 63 KB) [Be sure to use the template's conference mode.]

  Template (ZIP, 700 KB) Updated 2024

  LaTeX Bibliography Files (ZIP, 309 KB)
- Overleaf

  When working in Overleaf, the template is available at https://www.overleaf.com/gallery/tagged/ieee-official

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IMPORTANT DATES

Milestone	Date
Paper Submission Deadline	27 September 2026
Notification of Acceptance	07 October 2026
Camera-Ready Submission	12 October 2026
Conference Dates	28-29 October 2026

WHO SHOULD ATTEND

- Researchers and Academics
- Government Agencies
- Industry Leaders and Technology Providers
- Smart City and Infrastructure Practitioners
- Healthcare and Education Professionals
- Startups and Entrepreneurs
- Graduate and Undergraduate Students

Join us at ITT 2026 as we explore how Intelligence in Action can empower governments, strengthen resilience, accelerate innovation, and shape the future digital economy.

Conference Website:

ITT2026

ITT2026 - Empowering Smart Governance, National Resilience, and the Future Digital Economy