2nd International Conference on Artificial General Intelligence and Next-Generation Computing
December 11–12, 2025
University of New York Tirana, Albania

UNIVERSITY OF NEW YORK TIRANA

AGINC 2025 — International Conference

MRD SOCIETY

We are pleased to announce the 2nd International Conference on Artificial General Intelligence and Next-Generation Computing (AGINC-2025), to be held on December 11–12, 2025, at the University of New York Tirana, East Campus , Tirana–Elbasan, Albania. This conference builds upon the success of the 1st edition (formerly titled ICAHIS), which brought together a diverse community of researchers and professionals from around the globe.

Important Dates:

Paper Submission: October 10, 2025

Notification to Authors: November 10, 2025

Camera Ready : December 05, 2025

Registration Deadline: November 30, 2025

Topic Of Interest

Theme 1: AG for Intelligent Systems

- AGI in personalized medicine and predictive diagnostics
- Autonomous surgical systems powered by AGI
- Integrating AGI with medical imaging and radiology
- Cognitive agents for elderly and assisted living support
- AGI for real-time health monitoring and wearable tech
- Ethical and legal challenges of AGI in medical decisions
- AI-augmented clinical trials and drug discovery
- AGI in emergency response and disaster healthcare systems
- Cross-modal learning for multisensor health data fusion
- Neuromorphic AGI for brain-computer interfaces (BCIs)

Theme 2: AGI-Driven Innovation in Smart Infrastructure and Industrial Automation

- AGI for autonomous manufacturing and process control
- Smart grids and energy systems enhanced by AGI
- Infrastructure maintenance using AGI-driven robotics
- Digital twins and AGI for industrial asset management
- AGI for predictive maintenance in engineering systems
- Transportation and traffic optimization with AGI
- Human-AGI collaboration in industrial safety systems
- Integrating AGI in IoT-based smart city frameworks
- Resource allocation and logistics optimization with AGI
- Multi-agent AGI systems for decentralized Industry 4.0

Theme 3: Applications of General Intelligence in Engineering and Computing

- Image and video analysis using cross-domain learning systems
- Pattern recognition in dynamic and uncertain environments
- Intelligent signal processing for advanced communication systems
- Cognitive models for adaptive wireless and 6G networks
- Smart energy management and power grid optimization
- Fault detection and predictive analytics in industrial electronics
- AI-driven modeling in fluid dynamics and structural engineering
- Data-centric intelligence in sensor networks and IoT ecosystems
- Integrated design automation and optimization in VLSI systems
- General-purpose reasoning in control systems and robotics

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