



# ICMI 2027

## IEEE 6th International Conference on Computing and Machine Intelligence

### Call for Papers



Date:  
May 01-02, 2027



Organized by / Venue:  
Central Michigan University, USA

Researchers, academics, industry professionals, and students are invited to submit original research contributions in computing, machine intelligence, AI, data science, IoT, security, and emerging technologies.



#### 1 IMPORTANT DATES

- Paper Submission Deadline: **December 15, 2026**
- Notification to Authors: **February 15, 2027**
- Registration Deadline: **March 01, 2027**
- Camera Ready Submission: **March 30, 2027**

#### 2 TOPICS OF INTEREST



##### 1 AI and IoT in Sustainability and Food Security

- Smart precision farming
- Smart irrigation systems
- Pest and disease detection/prediction
- Yield prediction
- Climate risk assessment
- Smart water usage



##### 2 Artificial Intelligence and Applications

- Machine learning algorithms and optimization
- Deep learning and neural networks
- Natural language processing
- Reinforcement learning
- Computer vision
- Explainable AI
- Generative AI and large language models
- AI in robotics and autonomous systems



##### 3 Blockchain & Internet of Things

- IoT services and applications
- Blockchain and IoT applications
- Security and privacy for IoT
- IoT architecture and middleware
- Machine-to-machine communications
- Internet of Medical Things



##### 4 Industry 4.0 Applications

- AI for Industry 4.0
- Smart manufacturing
- Cyber-physical systems
- Robotics and automation
- Cloud computing for Industry 4.0
- Edge computing designs



##### 5 Big Data and Cloud Computing

- Distributed computing
- Cloud computing
- Big data analytics
- Big data architectures and management
- Internet of Things
- Smart city examples and case studies



##### 6 Networking and Security

- Advanced networks
- Cyber-physical systems
- Smart communication systems
- Network security and privacy
- Web/Big data/cloud security
- AI for network applications



##### 7 Software Engineering

- Web-based software
- Software economics and metrics
- Software evolution and maintenance
- Requirements engineering
- Business process modelling
- Human-computer interaction



##### 8 Green Communications, Computing, and Networking

- Energy harvesting
- Energy-efficient wireless communications
- Green wireless cellular networks
- Green (IoT/green) IoS and beyond
- Green IoT
- Green wireless sensor networks



##### 9 Business Analytics, Decision Intelligence, and Operations Research

- Predictive and prescriptive analytics
- Optimization models and algorithms
- Decision intelligence systems
- Simulation and stochastic modeling
- Supply chain and logistics analytics
- Risk analysis and decision support



#### 3 COMMITTEE

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- Dr. Ahmed Abdelgawad, Central Michigan University, USA

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