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## The Fourth International Conference on IoT-AI IoTAI 2027

July 4 - 8, 2027 - Valencia, Spain

<http://www.aria.org/conferences2027/IoTAI27.html>

### Important deadlines:

Submission (full paper)	March 15, 2027
Notification	May 2, 2027
Registration	May 16, 2027
Camera ready	May 30, 2027

### Tracks:

#### IoT systems

IoT-based hardware and software infrastructures for emergency handling  
IoT-based collaborative working  
IoT-based emergency situational awareness  
IoT decision support technologies  
IoT-based microservices design for emergency  
IoT-related HCI for disaster preparation  
IoT and social-behavioral analysis of endangered people  
IoT-robotics systems for disaster handling  
IoT-based modeling and simulation for crisis and disaster situations

#### AI-based processing IoT systems

Sensing, networking, processing, and actuation for emergency management  
Humans (people, emergency managers, developers, firefighters, etc.) in IoT systems  
Disaster communication infrastructures, technologies, and services  
Self-adaptation and self-adaptive architectures for disaster  
Quality of Software-oriented disaster management IoT systems  
Big data processing for hazards  
Remote sensing and cyber-physical systems  
Wireless networks-based solutions for disaster management

#### Cognitive IoT-AI aspects

Industrial IoT and cognitive robots

Drones monitoring and controlling  
Deep-learning, biomimicry, and organ-on-chip  
Driverless vehicles with route discovery and path recognition  
Mobility and IoT for Smart Cities services  
Smart energy management using big environmental data and IoT  
IoT-based agricultural and autonomous systems for field and livestock operation  
AI cognitive engines for self-driving networks  
AI cognitive management in systems with slicing, virtualization, SDN/NFV, virtual RAN, and Cloud-RAN

#### Real-world applications and field studies

Models, solutions, applications, and lessons learned  
Prediction and early warning systems  
Crowd and queue management systems  
Emergency traffic management systems  
Indoor/outdoor emergency evacuation

#### AI-based prediction models

Archaeology  
Astronomy  
Biology  
Economics  
Education  
Marketing  
Medicine and Health Care  
Risk Management  
Social Sciences