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The Fourth International Conference on Accessible Digital Agriculture Technologies

CADAT 2027

October 24 - 28, 2027 - Nice, France

<http://www.iaia.org/conferences2027/CADAT27.html>

Important deadlines:

Submission (full paper)	July 5, 2027
Notification	August 22, 2027
Registration	September 5, 2027
Camera ready	September 19, 2027

Tracks:

AI and Machine Learning in Crop Management

- Crop Disease Detection
- Yield Prediction and Optimization
- Pest Management Strategies
- Soil Health Assessment

Digital Twins for Agricultural Systems

- Virtual Farming Simulations
- IoT-enabled Farm Monitoring
- Precision Livestock Farming
- Climate Adaptation Strategies

Robotic Harvesting and Farm Automation

- Autonomous Harvesting Machinery
- Weed Control Robots
- Autonomous Greenhouse Operations
- Human-Robot Collaboration in Agriculture

Smart Sensors and IoT Integration for Real-Time Food Monitoring

- Wireless Communication Protocols in the food supply chain
- Data Fusion and Integration Strategies
- Cloud-Based Analytics and Predictive Maintenance

AI and Machine Learning in Food Safety Analytics

- Predictive Modeling for Contamination Detection
- Anomaly Detection and Outlier Identification
- Image Recognition and Computer Vision
- Integration of Sensor Data and Environmental Factors
- Explainable AI and Interpretability in Decision-Making