

🌐 Canada 📅 August 10-14, 2026

🕒 **Submission Deadline: 15th June, 2026** — 36 days remaining

CONFERENCE  
WEBSITE:

<https://precisionagriculture.earth/iot-in-agriculture-conference/ref/10001/>

## | About the Conference

This conference provides a rigorous platform for researchers, engineers, and policymakers to share cutting-edge contributions that address the fragmentation of proprietary agri-IoT silos and the challenges of deploying AI at the edge. We convene experts working in TinyML, federated learning, geospatial IoT standards, cybersecurity, and energy-harvesting sensor networks. The track emphasizes how intelligent, secure, and scalable architectures collectively generate richer, more actionable insights across the entire food value chain. We invite submissions that explore a wide range of IoT, AI, and connected systems research, including but not limited to:

Interoperability, Standards, and Spatiotemporal Analytics:

- Geospatial IoT Standards
- Interoperable Architectures for Agricultural IoT
- Standardized Data Models and APIs for Smart Farming

### 📅 Important Dates

**JUN 15** PAPER SUBMISSION  
**15th June, 2026**  
• 36 days left

**JUL 15** NOTIFICATION  
**15th July, 2026**

**AUG 10** CONFERENCE DATE  
**August 10-14, 2026**

## Artificial Intelligence of Things (AIoT) and Edge Intelligence:

- TinyML and On-Device AI for Agricultural Sensors
- Federated Learning for Privacy-Preserving Smart Farming
- Large Language Models (LLMs) for IoT Data Interpretation
- AI-Driven Predictive Maintenance for Farm Machinery

## IoT Security, Privacy, and Trust:

- Cybersecurity for Agricultural IoT Infrastructure
- Blockchain and Distributed Ledger Technology in Agri-Food IoT
- Data Sovereignty and Governance in Agri-IoT

## Connectivity, Energy, and Hardware Innovations:

- Energy Harvesting for Battery-Free Agricultural Sensors
- LPWAN, Satellite IoT, and 6G for Rural Connectivity
- Underground and Underwater IoT Sensing

## Digital Twins, IoT, and Real-Time Farm Systems:

- Agricultural Digital Twins Architecture
- Real-Time IoT Data Integration for Digital Twins
- IoT-Enabled Farm Monitoring and Simulation

### TOPICS OF INTEREST

4 topics

Research papers are invited in, but not limited to, the following areas:

iot in agriculture

iot security & privacy & trust

energy &  
hardware  
innovation

agricultural  
digital twins

## Venue Information



### **BMO Centre, Calgary, Alberta, Canada**

Special conference rates often available  
near the venue.