Important deadlines:

- Submission deadline: July 21, 2024
- Notification: September 23, 2024
- Registration: October 8, 2024
- Camera ready: October 18, 2024

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