

2025

TENTATIVE PROGRAM INTEGRATION OF BIOSENSORS AI AND MACHINE LEARNING

CONFERENCES

November 10-11, 2025 | Osaka, Japan



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TENTATIVE PROGRAM

DAY 1

Monday November 10, 2025

08:30-09:00 | **Registrations**

09:00-09:30 | **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall | **KEYNOTE LECTURES**

11:50-13:10 **MEETING HALL**
Talks On: Overview of Biosensors in Modern Healthcare
Integration of AI with Biosensing Technologies
Wearable Biosensors and AI for Continuous Monitoring

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00 **MEETING HALL**
Talks On: Biosensors in Personalized Medicine
AI-Driven Diagnostics Using Biosensor Data
Advances in Biochemical Sensors and AI Integration
Smart Biosensors and Predictive Analytics

16:00-16:20 COFFEE BREAK

MEETING HALL (16:20-17:00)

AI with Biosensing Technologies

MEETING HALL (17:00-18:00)

Machine Learning Algorithms

Panel Discussion

END OF DAY 1

09:00-10:30
Meeting Hall

KEYNOTE LECTURES

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL

Talks On: Innovations in AI-Driven Immunosensors

AI Applications in Glucose Monitoring & Diabetes Management

Future Trends in AI-Enabled Biosensing Technologies

Data Security in AI-Integrated Biosensor Systems

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL

Talks On: Ethical Considerations in AI and Biosensor Integration

AI-Powered Wearables for Cardiac and Respiratory Health

Biosensors in Neurotechnology and AI-Based Brain Monitoring

Ethical and Regulatory Challenges in Biosensor Applications

15:55-16:15 COFFEE BREAK

MEETING HALL (16:20-17:00)

Role of AI in
Enhancing Biosensor

MEETING HALL (17:00-18:00)

Smart Biosensors and
Predictive Analytics

Awards & Closing Ceremony

END OF DAY 2

Osaka, Japan Attractions

