



## NTHRYS WORKSHOPS

# Innovations In Mechatronics

### 8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Mechatronics

Introduction to emerging technologies in mechatronics.  
Hands-on session on using advanced tools and techniques in mechatronics research.  
Case studies on innovative applications of new technologies in mechatronics.

### 10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: AI and Machine Learning Integration

Exploring the integration of AI and machine learning in mechatronics.  
Workshop on developing intelligent mechatronic systems.  
Case studies on the applications of AI in enhancing mechatronics capabilities.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Mechatronics in Internet of Things (IoT)

Hands-on session on integrating mechatronics with IoT devices.

Exploring techniques for real-time data analysis and decision making.  
Practical applications of mechatronics in IoT.

### **2:30 PM - 2:45 PM: Short Break**

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Directions in Mechatronics**

Discussion on emerging trends and future directions in mechatronics.  
Workshop on integrating new technologies in mechatronics research.  
Case studies on the potential impact of future innovations in mechatronics.

### **4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break**

Last networking opportunity with snacks.

### **4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption**

Group discussions on implementing new techniques learned today.  
Dialogue on overcoming challenges in adopting new technologies in similar sectors.  
Feedback session and closing remarks.

**Certificate Issue**

### **5:30 PM: Workshop Concludes**