



## NTHRYS WORKSHOPS

# Practical Techniques In Plasma Processing

### 8:45 AM - 10:15 AM: Session 1: Introduction to Plasma Processing

Overview of plasma processing and its applications.  
Techniques for generating and controlling plasma.  
Case studies on plasma applications in various industries.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Plasma Generation Techniques

Hands-on techniques for plasma generation.  
Practical session on different methods of creating plasma.  
Discussion on safety and handling of plasma systems.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Applications of Plasma in Material Processing

Introduction to plasma applications in material processing.

Practical demonstration of plasma etching and deposition.  
Case studies on improving material properties using plasma.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Case Studies and Applications**

Review of significant case studies in plasma processing.  
Applications in electronics, manufacturing, and healthcare.  
Future trends and research directions.

### **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**