



## NTHRYS WORKSHOPS

# Innovations In Petroleum Microbiology

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

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

### 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 in Petroleum Microbiology

Exploring the role of AI and machine learning in petroleum microbiology.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing petroleum microbiology research.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Big Data Analytics in Petroleum Microbiology**

Hands-on session on big data analytics in petroleum microbiology.  
Exploring techniques for managing and analyzing large datasets.  
Practical applications of big data analytics in petroleum microbiology.

### **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 Petroleum Microbiology**

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

### **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**