



NTHRYS WORKSHOPS

Impedance Microbiology For Environmental Monitoring

8:45 AM - 10:15 AM: Session 1: Impedance-Based Detection of Waterborne Pathogens

Hands-on workshop on detecting waterborne pathogens using impedance. Protocols for measuring microbial contamination in water systems and natural environments.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Real-Time Monitoring of Environmental Microbial Activity

Practical session on real-time monitoring of microbial activity in environmental samples. Protocols for using impedance sensors to assess microbial activity in soil, water, and air samples.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biofilm Detection Using Impedance Methods

Hands-on training on detecting and quantifying biofilms using impedance.
Protocols for measuring biofilm formation on different surfaces and materials.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Impedance Microbiology for Wastewater Treatment Monitoring

Practical session on monitoring microbial activity in wastewater treatment.
Protocols for using impedance techniques to track microbial processes in wastewater treatment plants.

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