## Application of a fungal-based microbial fuel cell to bioremediate pharmaceutical pollutants

Dr. Mehri Shabani, Ph.D. Assistant Professor @ Esaip La Salle

When: 25/09/2024, 14:30 - 16:30 Where: Sala Consiliare (engineering building, 1st floor)







This conference will highlight recent developments in **clean energy** and **environmental solutions**.

The research focuses on a bio-electrochemical cell that can simultaneously **break down harmful pharmaceutical pollutants**, such as acetaminophen, and **generate electricity**. By utilizing a combination of fungi and bacteria, the process significantly enhances pollutant removal and energy production.

This innovative approach presents promising opportunities for addressing **pollution** and advancing **renewable energy technologies**, offering a sustainable solution to pressing environmental challenges.

Initiative funded by the University of Brescia internationalization funds