



Università
Ca' Foscari
Venezia

Dipartimento di
Scienze Molecolari
e Nanosistemi

ADVANCED FUNCTIONAL MATERIALS FOR ENVIRONMENTAL MONITORING, ELECTROANALYSIS, AND REMEDIATION

A Seminar Series on Sustainable Electrochemical
and Photocatalytic Technologies

15 - 17 giugno 2026

Campus Scientifico, via Torino 155, Mestre

15 giugno

Sala Conferenze Orio Zanetto
11.00 – 13.00

Erika Bustos Bustos

*Modified surfaces for the transformation
and detection of environmentally
important molecules in different
matrices (water, soil, and air) with a
circular economy*

Approach for sustainable development

14.30 - 16.30

Lezione pomeridiana

Erika Bustos Bustos

Environmental Electrochemistry

16 giugno

Aula D, Edificio Zeta
11.00 – 13.00

Francisco Mherande Cuevas Muñiz

*Molecularly Imprinted Polymer-
Based Electrochemical Sensors for
Environmental Contaminant Detection*

14.30 - 16.30

Lezione pomeridiana

Francisco Mherande Cuevas Muñiz

*Advanced Functional Materials for
Electrochemical Applications*

17 giugno

Aula D, Edificio Zeta
11.00 – 13.00

Juan Manriquez Rocha

*Magnetic and diamagnetic processing
of TiO₂- and graphite-based electrode
materials for photocatalysis and
electroanalytical applications*

Aula 2, Edificio Epsilon

14.30 - 16.30

Lezione pomeridiana

Juan Manriquez Rocha

*Electrochemical uric acid detection in
serum blood samples for the diagnosis
of hyperuricemia*