



**6th Iberoamerican Conference
on Advanced Oxidation
Technologies**

**October 7th - 11th
2024**

**Florianópolis, Brazil
Oceania Convention Center**
<http://www.cipoa.org>



Invited Speakers

- Achim Ried (Xylem Services GmbH, Germany)
Talk: Ozone technology (to be confirmed)
- C.T. Aravindakumar (Mahatma Gandhi University, Índia)
Talk: Elucidation of reaction mechanisms in Advanced Oxidation Processes: Synergy of steady state and fast reaction techniques
- Cauê Ribeiro de Oliveira (Brazilian Agricultural Research Corporation, Brazil)
Talk: Global Warming, Energy Transition and Sustainable Agriculture: The Role of Photocatalytic Materials in shaping the future
- Cláudia Bianchi (Università degli Studi di Milano, Italy)
Talk: Innovative Floating Photocatalysts for Sunlight Harvesting. Towards a Sustainable Water Remediation, Healthier Lives, and Reduced Environmental Impact for Remote Communities
- Dionysios (Dion) Dionysiou (University of Cincinnati, USA)
Talk: Treatment of harmful algal blooms/cyanotoxins using AOPs
- Enrique Rodrigues Castellón (University of Malaga, Spain)
Talk: Applications of X-ray Photoelectron Spectroscopy for Catalytic and Photocatalytic Studies
- Félix Javier Hernández-Hernández (University Jaume I, Spain)
Talk: Identification of organic micropollutants degradation products in the aquatic environment by high resolution mass spectrometry
- Frédéric Violleau (Université de Toulouse, France)
Talk: Ozone applications in the industry (to be confirmed)
- Jéssica Ivana Nieto Juarez (National University of Engineering, Peru)
Talk: To be confirmed
- Manuel A Rodrigo (Universidad de Castilla La Mancha, Spain)
Talk: On the way of increasing TRL in electrochemical advanced processes
- Marcia Walquiria de Carvalho Dezotti (Federal University of Rio de Janeiro, Brazil)
Talk: Revealing the by-products formed during ozonation and its consequences
- Maria Francisca da Costa Moreira (University of Porto, Portugal)
Talk: Cutting-edge electrochemical technologies for the production of value-added substances
- Marta Litter (Universidad Nacional de Gral. San Martín, Argentina)
Talk: TiO2 photocatalytic removal of hexavalent chromium and arsenic
- Miguel Modestino (Bew York University, USA)
Talk: Decarbonization of the chemical industry through electrification: Barriers and opportunities
- Natan Padoin (Universidade Federal de Santa Catarina, Brazil)
Talk: Hybrid methods for the optimization of photo- and electrochemical reactors
- Nicolas Keller (CNRS/Université de Strasbourg, France)
Talk: Light-driven heterogeneous catalysts for the environmental and energy transitions
- Renato Falcão Dantas (University of Campinas, Brazil)
Talk: The Role of Ozonation in Environmental Protection and Human Health: A Comparative Analysis between Iberoamerica and the Rest of the World
- Santiago Esplugas (University of Barcelona, Spain)
Talk: Perspectives on Advanced Oxidation Processes for Water and Wastewater Treatments
- Sílvio Edegar Weschenfelder (Petrobras, Brazil)
Talk: The Challenges of University-Industry Interaction: Perspectives and Opportunities in the Implementation of Advanced Oxidation Technologies

Important dates

- March 15th, 2024**
Abstract submission deadline
- June 28th, 2024**
Early registration
- October 7 - 11th, 2024**
Conference

Topics

- AOT applied to air decontamination
- AOTs applied to water treatment and wastewater decontamination
- AOTs to support relevant interlinkages between Water, Energy, Food, and its Climate and Ecosystem Nexus
- Photochemical and Non-photochemical AOTs in homogeneous phase
- Photochemical and Non-photochemical AOTs in heterogeneous systems
- Solar fuels and solar-driven AOTs
- Contactors/photoreactors configurations
- Photocatalysis/Electrocatalysis for organic synthesis
- AOTs applicable to renewable fuels synthesis and green hydrogen
- Modeling and simulation of AOTs
- Integration of AOTs with biological oxidation, adsorption, membrane separation, etc
- Process intensification
- Industrial applications on a large scale.
- Sanitization and disinfection.

REGISTRATION

CATEGORY	Before June, 28, 2024	Up to August 1st, 2024	After August 1st, 2024
Undergraduate students	US\$ 100	US\$ 150	US\$ 200
Postgraduate students (Master and PhD students)	US\$ 250	US\$ 290	US\$ 330
Early Career Researchers	US\$ 300	US\$ 330	US\$ 380
Professors and other professionals	US\$ 350	US\$ 400	US\$ 450
Abstracts (more than 2)	US\$ 80	US\$ 100	US\$ 120