



18TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT

www.icce2023.com

11 – 15 JUNE 2023 VENICE, ITALY

Venue:

SCIENTIFIC CAMPUS

CA' FOSCARI UNIVERSITY OF VENICE (ITALY)

Call for Papers



Italian Chemical Society



EuChemS
European Chemical Society



INVITATION

Dear Colleagues and Friends,

The Environmental and Cultural Heritage Chemistry Division of the **Italian Chemical Society (SCI)** and the Division of Chemistry and the Environment of the **European Chemical Society (EuChemS)** cordially invite you to the **18th International Conference on Chemistry and the Environment** in Venice (Italy) from **11th to 15th June 2023**.

ICCE 2023 addresses scientists in academia, industry and in governmental institutions alike. The conference will provide a unique and inspiring information and communication platform for environmental scientists and a forum of professional exchange with collaborators and colleagues in toxicology, analytical chemistry, microbiology, geosciences and other related disciplines. In addition, several satellite events will be associated with the Conference for in-depth discussion, seminars and workshops on selected and highly relevant topics.

Sincerely,

Antonio Marcomini

ICCE 2023 Conference Chair – On behalf of the LOC and the SciCom of ICCE 2023

INVITED PLENARY SPEAKERS

Prof. Martin Scheringer

Faculty of Science; Masaryk University

Prof. Roberto Tezano

Department of Soil, Plant and Food Sciences; University of Bari "Aldo Moro"

Prof. Christian Zwiener

Center for Applied Geoscience; University of Tuebingen

Prof. Adrian Covaci

Toxicological Center; University of Antwerp

Prof. Dionysios D. Dionysiou

Department of Chemical and Environmental Engineering; University of Cincinnati

IMPORTANT DATES

Abstract submission: by 03 March 2023

Notification of acceptance: by 12 April 2023

Early registration deadline: by 30 April 2023



SESSIONS FOR ABSTRACT SUBMISSION

- 1 - Air pollution: chemistry and health risks
- 2 - Airborne transport and subsequent deposition of pesticides in non-target areas
- 3 - Organic and inorganic pollutants in wastewaters and natural waters: treatment processes and emission control technologies
- 4 - Priority and emerging pollutants in natural and drinking waters: occurrence, (bio-)degradation processes, and environmental fate
- 5 - Biologically active substances, transformation products and antibiotic resistance determinants in wastewater and sludge receiving environments
- 6 - Per- and Poly-fluoroalkyl Substances (PFAS) in air, water, soil, sediments, and biota: advances in detection, quantification, remediation, and destruction
- 7 - Joint Sessions DAC-DCE EuChemS: Recent developments in analytical methods for the detection and quantification of persistent and emerging contaminants in the environment
- 8 - Advances in target and non-target screening in environment, food and health related matrices by high resolution mass spectrometry
- 9 - New challenges regarding exposure to nanomaterials: from analytical methods to environmental modelling
- 10 - Metabolomics and genetics investigations in the context of environmental chemistry: new advances and opportunities
- 11 - Joint Session DCE EuChemS - DCE IUPAC: Advances in remediation technologies for the reclamation of soil and sediments contaminated by organic and inorganic pollutants
- 12 - Recent advances in computational approaches for early identification and better understanding of chemical hazards
- 13 - Climate change impacts on the fate and behaviour of nutrients and pollutants in the environment
- 14 - From hazard to risk assessment of chemicals and chemical mixtures for the ecosystems and the human health: exposure, ecotoxicological effects, fate, and modelling
- 15 - Nano- and micro-plastics in the environment
- 16 - Green and sustainable chemistry as an enabler of circular economy: safe-by-design approaches and LCA-based assessment tools
- 17 - Environmental and climate change impacts on cultural heritage
- 18 - New policies, legislation, and communication strategies for a more sustainable management of chemicals to protect environmental resources
- 19 - Higher education in Environmental Science: challenges and innovations
- 20 - PMT/vPvM substances: Occurrence, Assessment, Management and Regulation
- 21 - Joint Session DCE EuChemS – DCE IUPAC: Humic substances (HS) and natural organic matter (NOM) dynamics and environmental impact
- 22 - Integration of experimental and modelling approaches to investigate chemicals behaviour and risk in marine, coastal and transitional environments



PUBLICATION OPPORTUNITIES

Selected papers will be published in a special issue dedicated to the Conference outcomes in the Journal "Environmental Science and Pollution Research" (<https://www.springer.com/journal/11356>)

LOCAL ORGANIZING COMMITTEE

Chair - Antonio Marcomini	Andrea Brunelli
Elena Badetti	Loris Calgaro
Alessandro Bonetto	Elena Semenzin

SCIENTIFIC COMMITTEE

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INFORMATION & REGISTRATION

To register to the **Conference** or for any information you may require concerning **ICCE 2023** please visit www.icce2023.com or contact the **ICCE 2023 Secretariat** at info@icce2023.com.



**SUBMIT YOUR
ABSTRACT**

*We hope to see you in Venice
during midsummer 2023!*



icce2023.com

