

Why Milan?

As home to some spectacular sites defining Milan as a centre of refinement with a unique cultural heritage—including the Duomo, La Scala Opera House, and Santa Maria delle Grazie—Milan can't be missed. Milan's myriad museums host works by da Vinci, Titian, Raphael, Caravaggio and Piero della Francesca.

Considered a great metropolis, Milan actually numbers just more than 1 million inhabitants and everything fits snugly within its small historic centre: cobbled streets lined with gardens, boutiques and time-honoured cafés. At night, the city comes to life: nobody really knows just how many opportunities there are for entertainments after dark! And for those who love the open air, magnificent golf courses and the enchantment of Lake Como are only half an hour's drive away.

Milan has its own Stock Exchange and also hosts the headquarters of all the foreign banks and multinational corporations present in Italy. Fashion, design, finance, publishing, pharmaceuticals, biotechnologies and ICT are the sectors of excellence that benefit from the cutting-edge research conducted in no fewer than 11 universities and leading medical/scientific institutes.

A constantly changing city, Milan is being transformed by on-going urban redevelopment projects signed by worldclass architects such as Norman Foster, Zaha Hadid, Arata Isozaki, Daniel Libeskind and Renzo Piano, including a €50 billion investment to regenerate 16% of the city, half of which will be devoted to green spaces.



Congress secretariat

SETAC Europe
Avenue de la Toison d'Or 67 b 6
B-1060 Brussels
Belgium

Tel +32 2 772 72 81
Fax +32 2 770 53 86
setaceu@setac.org

For more information, visit milan.setac.eu.



THE SOCIETY OF ENVIRONMENTAL
TOXICOLOGY AND CHEMISTRY
WWW.SETAC.ORG

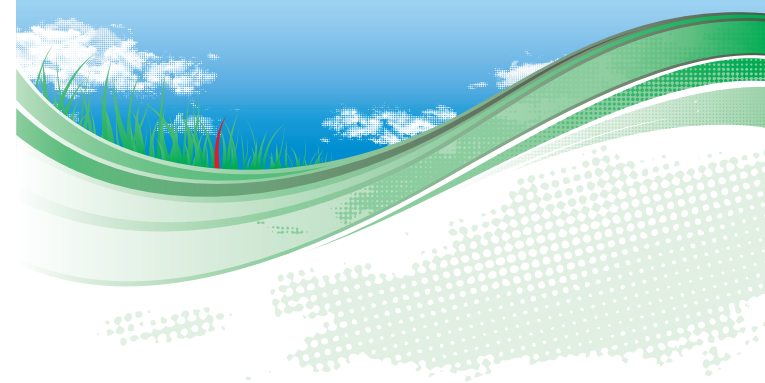
Call for abstracts

SETAC Europe 21st Annual Meeting
15–19 May 2011, Milan, Italy
Ecosystem Protection in a Sustainable World:
A Challenge for Science and Regulation



SETAC EUROPE

Milan 2011



SETAC Europe 21st Annual Meeting

We invite you to join us in Milan from 15–19 May 2011 for the SETAC Europe 21st Annual Meeting, under the theme “Ecosystem Protection in a Sustainable World: a Challenge for Science and Regulation”.

Why should you attend?

- The SETAC Europe Annual Meeting is Europe’s biggest meeting on environmental toxicology and chemistry.
- Network with more than 2000 scientists from more than 60 countries around the world representing academia, business and government.
- Get updated on the latest research results and scientific opinions.
- All major topics on environmental sciences presented in 8 parallel sessions.
- An exhibition with representatives from the major European and national environmental consultancy firms, testing laboratories, research labs etc.
- An exciting social programme.
- Enjoy the city of Milan and the colourful districts.

Local organising committee

Emilio Benfenati (chair)
Marco Vighi (co-chair)
Raffaella Bertazzi
Anna Barra Caracciolo
Vittorio Castiglioni
Fabio Colombo
Daniele Daffonchio
Antonio Di Guardo
Antonio Finizio

Marino Gatto
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Paolo Masoni
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Mathias Liess
Jan Linders
Michael Matthies
Jose Julio Ortega-Calvo
Norbert Scholz
Erik Smolders
Klára Szita Tóthné
Kees van Gestel



Call for abstracts

Abstract submission deadline: 30 November

We invite you to submit an abstract for one of the following topics:

A Combined stress factors

- 01 Combined effects of climate changes, biological invasions and pollution
- 02 Environmental disasters & oil spills
- 03 New approaches in the simulation of realistic multistress and multispecies scenarios

B Env & analytical chemistry

- 01 Advances in passive sampling and dosing techniques
- 02 Atmospheric chemistry, transport and deposition
- 03 Biodegradation and bioremediation of organic pollutants
- 04 Environmental fate and bioaccumulation of organic pollutants in aquatic systems
- 05 Environmental fate and exposure of pharmaceuticals and Personal Care Products (PPCPs)
- 06 Fate and exposure modelling including scenario analysis
- 07 Integrated chemical and biological approaches for toxicant identification
- 08 Tracking community consumption of illicit drugs and other substances by measuring human metabolic residues in urban wastewater

C Ecosystem health assessment

- 01 Ecosystem services in natural and agricultural areas
- 02 Linking urban ecosystem services with pollution and spatial planning
- 03 Monitoring and modeling stressed ecosystems to support ecosystem-

based management

D Emerging pollutants

- 01 Alternative flame retardants: Environmental exposure, fate and trends
- 02 Antimicrobial resistance in the environment
- 03 Emerging per- and poly-fluorinated compounds: Source identification, environmental fate, and remediation strategies
- 04 Emission of chemicals from consumer goods - from emissions to effects
- 05 Fate of emerging pollutants in WWTPs
- 06 Impact of climate change and emerging pollutants on drinking water
- 07 Plastic pollution - polluted plastics: Fate, effects and life cycle assessment

E Ecotoxicology

- 01 Alternatives to animal testing in ecotoxicology
- 02 Assessment of the effects of veterinary drugs on dung and soil organisms
- 03 Ecological indirect effects
- 04 Ecological vulnerability
- 05 Ecologically relevant endpoints
- 06 Ecosystem exposure, toxicity pathways and adverse health outcomes
- 07 Ecotoxicology of amphibians and reptiles
- 08 Assessing the exposure, effects and risks of Pharmaceuticals and Personal Care Products (PPCPs) in the environment

- 09 Endocrine disrupting chemicals in the environment
- 10 Environmental epigenetics
- 11 Environmental OMICS: a global answer to environmental questions
- 12 Laboratory and field measurements and alternative approaches in bioaccumulation
- 13 Linking chemical residues with biological responses in wildlife
- 14 Mechanistic modelling for risk assessment: sub-lethal responses and population-level effects
- 15 Metals and metalloids in the environment: adaptation, bioavailability and speciation
- 16 Moving towards a systems biology approach to predictive ecotoxicology
- 17 Natural toxins in ecotoxicology
- 18 New developments in aquatic macrophyte testing, higher tier risk assessment and ecotoxicology
- 19 Soil ecotoxicology and quality assessment
- 20 TERA (Trait-based Ecological Risk Assessment)
- 21 Tropical ecotoxicology

F Handling, monitoring & remediation of pollution

- 01 Characterisation and remediation of contaminated soils and sediments
- 02 Impact and remediation of wastewater
- 03 Integrated long term monitoring as a tool for the global assessment of POPs
- 04 Sorption and bioavailability: mechanisms relevant for toxicity and bioremediation

G LCA & LCM

- 01 Developments in Life Cycle Impact Assessment (LCIA)
- 02 Developments in Life Cycle Sustainability Assessment (LCSA)
- 03 Increasing robustness of LCA methodology
- 04 Life Cycle Inventory modelling and attributional/consequential issues (LCI)
- 05 Life Cycle Management approaches for different industrial sectors (LCM)

H Nanomaterials & nanoparticles

- 01 Detecting, quantifying and characterizing engineered nanomaterials in the environment and in biological systems
- 02 Fate and effects of nanoparticles
- 03 Risk assessment and risk manage-

ment of nanomaterials

I Predictive ecotox (QSAR) & exp modelling

- 01 Combining datadriven and knowledge-based modelling methods for decision-support in ecotoxicological assessment
- 02 PBPK modelling in ecological risk assessment
- 03 Predictive ecotoxicology (QSAR) for chemicals, mixtures and combined stress factors

J Risk assessment & regulation

- 01 (Non-)Extractability and bioavailability of organic chemicals in relation to analytical and regulatory issues
- 02 Aquatic and terrestrial mesocosm and field studies - Messages from complex systems to academia, regulators, and industry
- 03 Decline in pollinators, causes, consequences and regulatory response
- 04 Developments in assessing the bioconcentration of chemicals and its ecological relevance
- 05 Environmental risk assessment and management of Plant Protection Products (PPPs) and biocides
- 06 Improving the use of integrated knowledge and non-standard test data for environmental risk assessment
- 07 Integrated science: Key to risk assessment
- 08 Monitoring and risk-assessment of organic compounds in developing countries
- 09 Monitoring data and post-registration studies for PPPs: generation, compilation and use in the environmental risk assessment and management
- 10 PBT substances
- 11 Risk assessment in the marine environment and regulation
- 12 Risk assessment of chemical mixtures: how can we crack the nut?
- 13 Risk assessment of chemicals within REACH integrating alternative methods and non testing strategies
- 14 Risk communication
- 15 The future of ecological risk assessment of toxicants - biological traits, ecological sensitivity, improved SSDs and greater realism – the road ahead
- 16 Waste fluxes around the world and the associated risks

Please note that presenters submitting a paper for platform presentation must send an extended abstract attached to their submission (in addition to the short abstract).

For more information, visit milan.setac.eu.