

# Ozone & Related Oxidants: Solutions for Emerging Pollutants of Concern to the Water and the Environment

**International Conference  
April 28 - 30, 2010 - Geneva, Switzerland**

Organised by the **European African Asian Australasian Group EA<sub>3</sub>G**  
of the **International Ozone Association IOA**

*This event continues a long series of successful conferences organised to provide an international forum for all concerned with fundamental, engineering and applied aspects of oxidation techniques involving ozone and related oxidants.*

## SCOPE AND OBJECTIVES

Health risks associated with contaminated water and wastewater, continuous degradation of aquatic environment and water scarcity issues are contributing to the growth of the use of advanced technologies driven by legislative impetus. Emerging pollutants of concern include pharmaceuticals, endocrine-disrupting compounds, surfactants, plasticizers, disinfection by-products and other chemicals. The removal of these compounds will drive the selection of water and wastewater treatment processes in the very next future. This event will provide an overview of the current state of knowledge and latest advances regarding the use of Ozone and Related Oxidants for providing solutions for the control of emerging parameters including persistent organic pollutants, hazardous substances and microbiological contaminants in any water. The topics of interest connected to the Conference theme include but are not limited to the combinations of:

Drinking water production
Process water production
Wastewater treatment
Full treatment line

Disinfection
Ozone oxidation
Oxidation processes
Synergy effects

Microorganisms
Persistent pollutants
By-products
Toxicity

Reactions, kinetics
Hydrodynamics, mass transfer
System design, process
Applications, case studies

## PROGRAMME

The conference will feature scientific and technical presentations, poster presentations with introduction platform, discussions, networking opportunities and exhibits. Near 60 presentations were selected by the Programme Committee and arranged according to the following sessions:

Wednesday 28 April / 11h00	Registration
Wednesday 28 April / 13h30-19h00	Introductory Conferences - Exhibition opening Session 1. Emerging pollutants Session 2. Poster session
<i>15h30 Coffee break</i>	
Thursday 29 April / 8h30-18h30	Exhibition Session 3. Emerging pollutants (cont'd) Session 4. Poster session Session 5. Fundamentals and Process Session 6. Poster session
<i>10h30 Coffee break</i> <i>13h00 Lunch</i> <i>16h30 Coffee break</i>	
Thursday 29 April / 20h00	Conference dinner - Restaurant Edelweiss
Friday 30 April / 8h30-14h30	Exhibition Session 7. Case studies in full scale plants Open discussion Conference Conclusions
<i>10h30 Coffee break</i> <i>13h00 Lunch</i>	

## EXHIBITION AND SPONSORING OPTIONS

The exclusiveness of the conference theme allows exhibitors and sponsors a unique possibility to present them to a unique and targeted audience. For detailed information on the exhibition organisation and/or on sponsoring options, please contact the IOA-EA<sub>3</sub>G secretariat.

**INVITATION • PROGRAMME**

## CONTACT AND UPDATES

For information: Ms Béatrice BERNARD, IOA-EA<sub>3</sub>G Secretariat  
Fax. 33(0)5 49 454 060 - E-mail: [ioa@esip.univ-poitiers.fr](mailto:ioa@esip.univ-poitiers.fr) – Web site: [www.ioa-ea3g.org](http://www.ioa-ea3g.org)

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## **PUBLICATIONS AND SCIENTIFIC AWARDS**

To encourage young researchers, the Programme Committee will select and award a prize to the best paper presented by a doctorate student during the Conference. All accepted papers will be printed in the conference proceedings that will be handed out to participants at registration. After the conference, the editors of the Ozone: Science & Engineering Journal will make the final selection among the papers presented for possible publication in this IOA peer-reviewed journal.

## **REGISTRATION**

To register for the Conference, please complete legibly the Registration form and mail or fax with full payment or credit card information to the Conference Secretariat. Receipt of your registration will be issued once payment is received and processed. The registration fee will cover scientific and technical sessions, book of abstracts, electronic proceedings, lunches and coffee breaks. A special discount rate is available for SIG and IOA members. Valid student ID is required for student registration.

## **CONFERENCE DINNER**

Coming to the restaurant Edelweiss the guest discovers the Alps in the heart of Geneva. Delight in the warmth of an authentic Swiss chalet serving an authentic cuisine. The conviviality "Made in Switzerland"! Special registration is required.

## **CONFERENCE VENUE**

The Conference venue will be Services Industriels de Genève, Chemin du Château-Bloch 2, Le Lignon.  
Access: Bus 27 et 51 - stop SIG Lignon / Bus 7 and 23 - stop Grand-Champ  
Details: [www.sig-ge.ch](http://www.sig-ge.ch)

**How to get to Geneva? By plane, rail or road.** The Geneva International Airport proposes a network of a hundred or so destinations spread right across the globe. A great advantage is the airport's proximity to the city centre: 5 km (3 miles). A direct rail connection links the airport to the downtown railway station in 6 minutes. The Swiss National Railroad system offers hourly links to Lausanne, Bern, Basel, Zurich. City and airport of Geneva are joined by rail with more than 200 trains a day. Many international routes have turned Geneva into a highway intersection for Europe.

**Public transportation:** All visitors staying at a hotel in Geneva can benefit from the free Geneva Transport Card. This pass is established upon the visitor's check-in in the hotel enabling its holder to use of the entire public transportation network without restriction (bus, train and boat). Information: [www.unireso.ch](http://www.unireso.ch) or by the place of stay.

## **LANGUAGE**

The official language will be english. A service of english-french translation will be provided.

## **ACCOMODATION**

Special rates have been arranged for the Conference delegates in five hotels with direct access by bus to the Conference location. Reservation can be made on line at [www.geneva-tourism.ch](http://www.geneva-tourism.ch) (Conference code IOA10).

**Contact:** Jérôme Guiland - Operating & Réservations - Geneva Tourism and Convention Bureau  
Rue du Mont-Blanc 18, Case postale 1602, CH-1211 Genève 1  
Phone +41 (0)22 909 70 51 - Fax +41 (0)22 909 70 21 - Email: [guiland@geneve-tourisme.ch](mailto:guiland@geneve-tourisme.ch)

## **GENERAL INFORMATION**

Official website of the Geneva Tourism and Convention Bureau [www.geneve-tourisme.ch](http://www.geneve-tourisme.ch)  
Useful Resources - Access & City maps - Pictures & Videos - 360° panoramic visits

## **OTHER INFORMATION - UPDATE - CONTACT**

E-mail: [ioa@esip.univ-poitiers.fr](mailto:ioa@esip.univ-poitiers.fr) – Web site: [www.ioa-ea3g.org](http://www.ioa-ea3g.org) – Fax. 33(0)5 49 454 060