



# Ventilation 2012

The 10th International Conference  
on Industrial Ventilation

[www.inrs-ventilation2012.fr](http://www.inrs-ventilation2012.fr)  
contact : ventil2012@inrs.fr

Graphic design : Eva Minem / INRS

The 10th International Conference  
on Industrial Ventilation

# Paris 2012

Maison de la Mutualité

September 17, 18, 19

[www.inrs-ventilation2012.fr](http://www.inrs-ventilation2012.fr)

► Call for papers  
Abstract submission deadline  
15 December 2011

Organised by INRS in partnership with :



Observatoire de la qualité de  
l'air intérieur





## Aims and target audience

The aims of industrial ventilation are to protect health, to prevent environmental pollution and to guarantee high product quality. These aims should be achieved with constant concern for energy efficiency and for sustainable development.

The «**Ventilation 2012**» Conference will allow experts in industrial ventilation, in occupational hygiene, and in climate-control engineering for buildings and industrial processes, ventilation and filtration equipment designers, technical managers from industrial groups, managers of service- sector buildings, public authorities, and academics to present their research and development and to compare their practices in the field of industrial ventilation.

This international conference takes place every three years. It was previously held in : Toronto 1985, London 1988, Cincinnati 1991, Stockholm 1994, Ottawa 1997, Helsinki 2000, Sapporo 2003, Chicago 2006 and Zurich 2009.



## Call for papers

We invite you to share your research results with your colleagues worldwide.

The 'Ventilation 2012' conference is a perfect platform for presenting your work to specialists.

International experts in the field of ventilation, clean-air technology and occupational health are expected to participate in the event. Please join in the dialogue on health, ecological, and economic issues in the field of ventilation !

In order to submit your abstract(s) online, please log in to the conference website :

[www.inrs-ventilation2012.fr](http://www.inrs-ventilation2012.fr)

Deadline for submission of abstracts :  
15 December 2011

After the Conference, a few presentations will be selected by the Scientific Committee, with the authors' consent, for publication in the International Journal of Ventilation which is now included in the Science Citation Index.

The collection of abstracts will be published at the end of the Conference and all of the full papers will be available in electronic form.

## Conference structure

The Conference will take place over two and a half days. It will be organised into five half-days that will each start off with a plenary session with a guest speaker, followed by three parallel sessions of oral presentations. Poster presentation sessions are also scheduled.

The official languages of the Conference are French and English. Simultaneous translation will be provided for plenary sessions. Parallel sessions will take place in English.

## Conference topics

### Occupational health

- Prevention of carcinogenic risk in the workplace
- Safety of processes involving nanoparticles
- Air quality inside industrial and service sector buildings
- Control of emissions and exposures in the workplace
- Localised exhaust and collection integrated into the processes, and workshop air purification
- Containment methods (nuclear industry, pharmaceutical industry, health sector)
- Standards and regulations

### Ventilation and sustainable development

- Ventilation and energy efficiency
- Zero energy industrial buildings
- Eco-design of equipment
- Noise and ventilation

### Specialised applications

- Mines and tunnels, underground car parks and structures
- Ventilation of vehicle interiors (driver cabs and passenger compartments & cabins)
- Data centres
- Cleanrooms
- Hospitals
- Commercial kitchens

### Clean-air technology, design and inspection of facilities

- CFD simulation methods
- Innovative experimental methods (flow visualisation, PIV, special sensors...)
- Air filtration and treatment
- Auditing, inspection, and maintenance

# Organisation

## International Organising Committee

- Howard Goodfellow, University of Toronto, Chairman of the Conference
- Jean-Raymond Fontaine, INRS, Co-Chairman of the Conference
- Aline Marcelin, INRS
- Dominique Mur, INRS
- Stéphane Vaxelaire, INRS

## Programme Committee

- François Durier, CETIAT
- Jean-Raymond Fontaine, INRS
- Corinne Mandin, CSTB
- Corinne Prévost, IRSN
- Laurent Ricciardi, IRSN

## International Scientific Committee

- Francis Allard, France
- Hazim Awbi, United Kingdom
- Ali Bahloul, Canada
- Henrik Brohus, Denmark
- Qingyan (Yan) Chen, USA
- Lorraine Conroy, USA
- Rong-Fung Huang, Taiwan
- Shinsuke Kato, Japan
- Kwang Woo Kim, Republic of Korea
- Hannu Koskela, Finland
- Martin Liddament, United Kingdom
- Lidia Morawska, Australia
- Bahram Moshfegh, Sweden
- Peter V. Nielsen, Denmark
- Tom Plikas, Canada
- Mats Sandberg, Sweden
- Lee Sangsoo, Republic of Korea
- John Saunders, United Kingdom
- Michael Schmidt, Germany
- Martin Seipenbusch, Germany
- Jorma Railio, Finland
- Xudong Yang, China
- Hiroshi Yoshino, Japan

## INRS Scientific Committee

- Emmanuel Belut
- Denis Berner
- Francis Bonthoux
- Robert Braconnier
- Bruno Courtois
- Jean-Raymond Fontaine
- François-Xavier Keller
- Stéphanie Marsteau

## Partners

The Conference is organised by the  
**Institut National de Recherche et de Sécurité (INRS)**  
in partnership with :

### Centre Technique des Industries Aéronautiques et Thermiques (CETIAT)

Domaine Scientifique de la Doua  
25, avenue des Arts · BP 52042  
F - 69603 VILLEURBANNE Cedex

### Centre Scientifique et Technique du Bâtiment (CSTB) Observatoire de la qualité de l'air intérieur,

84 avenue Jean Jaurès · Champs-sur-Marne  
F · 77447 Marne-la-Vallée Cedex 2

### Institut de Radioprotection et de Sûreté Nucléaire (IRSN)

IRSN / DSU / SERAC / LEMAC  
Centre d'Etudes de Saclay · Bât 383  
BP 68 · 91192 Gif-sur-Yvette Cedex