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F. Vossen* - *OdourNet* (The Netherlands)

* under confirmation

CONFERENCE SECRETARIAT

All correspondence should be addressed to
AIDIC Secretariat
Attn. Manuela LICCIARDELLO
Via Giuseppe Colombo 81/A
20133 Milano (Italy)
Phone: +39-02-70608276
Fax: +39-02-59610042
e-mail: nose2012@aidic.it

You may visit:

<http://www.aidic.it/nose2012>

- to submit abstract and manuscript
- to register
- to read the program
- to find information about the venue
- to see the updates



SPONSORS

Companies and organisations willing to support the Conference are invited to contact the Secretariat for further information. Participants from industry are welcome.

Promoted and organised by



The Italian Association of Chemical Engineering

CALL FOR PAPERS

NOSE2012



**"3rd International Conference on
Environmental Odour
Monitoring and Control"**

Palermo, Italy 23-26 September, 2012

Supported by



Olfactometric Laboratory - Politecnico di Milano

<http://www.aidic.it/nose2012>

ABOUT THE CONFERENCE

In recent years, population's environmental awareness has grown remarkably. This fact, together with an increased care towards human health and wellbeing issues, has brought non conventional pollutants like odours to be included among the fundamental parameters for environmental impact evaluation. It is now universally recognized and scientifically proved that odours generally don't directly represent a risk for human health, but also that the exposure to odours may cause different negative effects on human beings, ranging from emotional stresses to physical symptoms. Odour nuisance problems are particularly worrying when more industrial activities exist near residential areas. This is often the case, given to the expansion of cities, which has brought industrial poles to be englobed within urban boundaries.

This event focuses on recent regulatory approaches for the evaluation of the exposure to odours, and on the developments for the optimization and standardization of odour sampling and assessment methods, as well as odour control and abatement strategies. The conference should represent a possibility for the members of the increasing community of people involved in odour assessment and control to meet, exchange views, and achieve a better understanding of the specific aspects relevant to odour problems.

KEY DATES

November 15th, 2011

Abstract submission

November 30th, 2011

Information to Authors on abstract acceptance

January 30th, 2012

Manuscript submission

March 30th, 2012

Information to Authors on paper acceptance and format of presentation

April 30th, 2012

Submission of eventual revised manuscript

May 20th, 2012

Registration deadline for authors to have the paper included in the programme and proceedings

TOPICS

I - Policy and regulation

Regulatory approaches

Evaluation of exposure levels and acceptability criteria

Management of odour complaints

II - Sampling

Sampling materials

Surface sampling

Sampling strategies

III - Environmental odours and VOCs assessment

Olfactometry (determination of odour concentration, intensity or hedonic tone)

Chemical analysis (chemical sensors and chromatography)

Electronic nose

Dispersion modelling

Other assessment methods (GC-O, field inspection, etc.)

Evaluation of measurement accuracy and repeatability

Case studies

IV - Odour control and abatement techniques

Process control for odour minimization

Biological treatments

Other abatement systems

Masking and deodorization

V - Other applications of odour measurement

Indoor air quality

Quality control

Testing odour of specific products

Determination of odour thresholds

The Conference topics will be treated in invited plenary lectures, key note lectures, selected oral presentations and poster session. Posters will stay on for the whole Conference promoting Author presentation and spontaneous discussion.

The major aim of **NOSE2012** is to review the latest development, needs and issues on the thematic areas covered in general by emerging references of Chemical Engineering Science.

ABSTRACTS SUBMISSION

The official language of the Conference is English.

Authors wishing to present a contribution are asked to prepare maximum one page abstract to be submitted ONLY by web-page to the Conference Secretariat <http://www.aidic.it/nose2012>

The deadline is November 15th, 2011

The abstract must indicate the complete addresses and e-mail of each author. Authors are also required to indicate the topic to which the abstract belongs.

PROCEEDINGS

The full set of accepted papers (in the form of short papers of maximum 6 pages) will be published in a Proceedings Volume of Chemical Engineering Transactions, vol. 29, 2012 that will be distributed at the Conference desk. The quality of this publication is valued by ISBN & ISSN numbers, reference by SCOPUS and THOMSON REUTERS (ISI Web of Knowledge, conference proceedings) citation indexes.

In addition each paper will be available online thanks to the DOI identification. Each Paper in the Volume is covered by a copyright assigned to AIDIC Servizi S.r.l. Each paper is evaluated for acceptance by at least two Peer Reviewers. Usually the name list of the Reviewers is published before the book publication

VENUE

"**NOSE2012**" will be held at

NH Hotels, Foro Italico, 90133 Palermo

The NH Palermo has 226 spacious rooms and a congress center with 11 meeting rooms, all equipped with natural light, located on the picturesque Gulf of the city and enjoys breathtaking views across the sea. The hotel is close to the historic district and the central train station. The hotel offers a large outdoor swimming pool, parking which care only reserved for the hotels clients.