

IWWG
International Waste Working Group



VENICE 2010

*THIRD INTERNATIONAL
SYMPOSIUM ON ENERGY
FROM BIOMASS AND WASTE*

*Venice, Italy
8-11 November 2010*

www.venicesymposium.it

www.venicesymposium.it

VENICE 2010

CALL FOR ABSTRACTS

An extended abstract (at least one but no more than two full pages) prepared using the abstract form (to be downloaded from the Symposium website) should reach the Organization no later than March 31st 2010. Abstracts should include the full title of the paper, names, affiliations of all authors, e-mail addresses and full mailing addresses of all the Authors, the suggested session and the requested destination (oral or poster presentation). The abstract must clearly describe the content of the presentation and its basis (detailed case study, discussion of experience from practice, preliminary research data, completed research not presented previously, review of literature, administrative initiatives and regulations, etc). The Leading Author should be clearly indicated.

Each Leading Author may submit no more than three abstracts; the sender will be considered as corresponding author by the Organization.

The Official language of the Symposium will be English. All papers must be presented and written in proper English. Authors will be expected to attend the conference and present their papers themselves.

In addition, the Symposium will arrange a session to be held entirely in Italian, in order to facilitate the participation of local delegates. Italian authors may freely submit papers for inclusion in both English and Italian sessions (in the English and Italian languages, respectively). Deadlines and procedures for paper submission remain the same as those described above.

Leading Authors of accepted papers (one author per paper) will be entitled to a discounted entrance fee. This discount is not cumulative with other reductions and payment is due strictly following notification of paper acceptance. Papers will be selected following evaluation by an international panel of referees. Acceptance of papers will be notified to the Leading Author no later than April 30th 2010.

Full papers should be addressed to the Organizers and received no later than July 31st 2010. Papers will be evaluated by the Executive Programme Board and those deemed to be of poor quality will be removed from the Symposium Programme. All papers accepted for presentation at the Symposium will be published in Proceedings available at the start of the Symposium.

COMPANY EXHIBITION

A small exhibition will be held during the conference where organizations and companies can display technical literature and associated material. For further information please contact the organizing secretariat.

SYMPOSIUM VENUE

The Symposium will take place in Venice on the premises of the Cini Foundation on the island of San Giorgio Maggiore. The Cini Foundation is one of the most prestigious conference venues in Italy and has hosted numerous important international meetings and G7 summits. On the island monumental buildings such as the church and the refectory are the work of the greatest architect of the Veneto Renaissance, Andrea Palladio, housing masterpieces by Tintoretto, Veronese and Carpaccio. A public boat service connects Saint Mark's Square with the island every ten minutes (the trip lasts 5 minutes). Timetable and further details available on the Symposium website.

TRAVEL AND ACCOMMODATION

All delegates and authors are expected to make their own travel arrangements. Detailed information on accommodation rates in selected hotels and details on how to reach the Symposium venue will be available on the Symposium website.

INFORMATION

For further enquiries and information on registration, exhibition, accommodation, etc., please contact the Organizing Secretariat:

Eurowaste Srl – Via Beato Pellegrino 23 – 35137 Padova (Italy)
Tel: +39 049 8726986 – Fax: +39 049 8726987
e-mail: eurowaste@tin.it

Continuously updated information is available on the Symposium website: www.venicesymposium.it



VENICE 2010

Third International Symposium
on Energy from Biomass and Waste
Venice, Italy 8 – 11 November 2010
www.venicesymposium.it

EXECUTIVE SCIENTIFIC COMMITTEE

Bernd BILITEWSKI, Technical University of Dresden (DE)
William P. CLARKE, University of Queensland (AU)
Raffaello COSSU, University of Padua (IT)
Luis F. DIAZ, CalRecovery Inc., Concord, CA (US)
Toshihiko MATSUTO, University of Hokkaido (JP)
Michael NELLES, University of Rostock (DE)
Rainer STEGMANN, R3C, Nanyang Technological University, Singapore (SG)

Scientific Secretary

Marco RAGAZZI, University of Trento (IT)

INTERNATIONAL ADVISORY BOARD

Luca ALIBARDI, University of Padova (IT)
Irina ANGELIDAKI, Technical University of Denmark (DK)
Umberto ARENA, Second University of Naples (IT)
Antonio BRANCO, Impresa General do Fomento, Lisbon (PT)
Eugenio de FRAJA FRANGIPANE, CIPA Srl (IT)
Martin FAULSTICH, Technical University of Munich (DE)
Evangelos GIDARAKOS, Technical University of Crete (GR)
Michele GIUGLIANO, Technical University of Milan (IT)
Dagmar JUCHELKOVA, Technical University of Ostrava (CZ)
Avraam KARAGIANNIDIS, Aristotle University of Thessaloniki (GR)
Martin KRANERT, University of Stuttgart (DE)
Peter LECHNER, BOKU University, Vienna (AT)
Karl E. LORBER, University of Leoben (AT)
Stellan MARKLUND, University of Umea (SE)
Hakan RYLANDER, SYSAV, Malmo (SE)
Kit STRANGE, Resource Recovery Forum (UK)
Nicholas J. THEMELIS, Columbia University, New York (US)
Hans van der SLOOT, Netherlands Energy Research Foundation (NL)
Jules van LIER, University of Wageningen (NL)
Peter WEILAND, Federal Agricultural Research Centre, Braunschweig (DE)

PRESENTATION

The production of energy from alternative sources and its impact on climate change are among the main strategic tools implicated in the sustainable development of our society. Numerous types of biomass and wastes contribute towards the production of energy and reduction in the use of fossil fuels by means of biological, chemical and thermal processes. Existing biomass and waste to energy technologies are currently undergoing rapid development. Despite growing interest in the use of these technologies, in many countries their implementation remains limited.

The aim of the Venice 2010 Symposium is to focus on the advances made in the application of technologies for energy recovery from biomass and waste and to encourage discussion in these fields. The previous edition of the Symposium, held in 2008, was attended by 600 scientists and operators from 60 different countries.

The third edition of the Symposium will last four days and will include oral sessions, a poster session, a small exhibition by companies working in the field and technical tours.

The Symposium is organized by the International Waste Working Group (IWWG) with the scientific support of the Universities of Dresden, Hokkaido, Padua, Queensland, Rostock, Singapore and Trento.

The IWWG (www.iwwg.eu) is a registered not-for-profit organisation aiming to provide an intellectual platform to encourage and support integrated and sustainable waste management and to promote practical scientific development in the field. The group was conceived in 2002 as a think tank, whose work would be based on scientific principles oriented towards practical application. The IWWG is structured in such a way as to allow it to focus on a range of subjects, to react promptly to problems in the field, and to communicate efficiently within the professional community. The official journal of IWWG, Waste Management, published by Elsevier, has the highest impact factor in the field. Among the activities of IWWG is the organization of the world-renowned Sardinia Symposium (further information on the website www.sardiniasymposium.it).



SYMPOSIUM THEMES

A. Biomass and waste characterisation as a potential energy source
Municipal waste, Agricultural waste, Hazardous waste, Clinical waste, Exhausted oil, Shredded car light fractions (“car fluff”) etc., Analytical and monitoring parameters

B. Renewable fuel (Biodiesel, Bioethanol, Gas liquification, Hydrogen)
Production processes, Quality, Technologies, Handling and Storage

C. Anaerobic digestion
Appropriate technologies for different organic substrates, Processes, Operation, Residues, Gas cleaning and Quality upgrading, Handling and treatment of residues (digestate, wastewater), Analytical and monitoring parameters

D. Refuse-derived fuel (RDF)
Characterisation and Quality, Production, Handling and Storage, Utilisation, Co-combustion, Residues from RDF combustion

E. Thermal treatment (Combustion, Pyrolysis, Gasification and Others)
Processes, Energy balance, Technologies, Efficiency, Upgrading of existing plants, Corrosion and Operation problems, Gas cleaning

F. Economic aspects
Capital and Operational costs, Revenues, Financing, Global substrates, Trading and Social effects

G. Decision tools
LCA, Risk Assessment, Environmental impact assessment, Sustainability achievement

H. Policies and Legal aspects
Regional, National and International approaches, EU Strategies and Directives, Legal responsibilities, Perspectives in developing countries

I. Climate change and Sink
CO2 credits, Carbon balance, Reduction of GHG emissions, Energy saving etc.

J. Ecotoxicological aspects and Health issues
Occupational Health, Emissions and Human Exposition, Epidemiological Studies.

K. Public acceptance
Information campaigns, Public involvement in decision processes, Mediation and Consensus

L. Experiences and new developments
Case studies, Pilot plants, R&D projects

M. Developing countries
Adaptation of technologies, Specific developments, Political and Financial perspectives

VENICE 2010

Third International Symposium on Energy from Biomass and Waste
Venice, Italy • 8 - 11 November 2010 • www.venicesymposium.it

Reply form

Please fill in the form and send it to the Organizing Secretariat at the Fax number: +39.049.8726987

Name _____

Surname _____

Organization _____

Address _____

City _____

Postal code _____

Country _____

Tel. _____ Fax _____

E-mail _____

Please tick appropriate box

I would like to be inserted in the mailing list to be continuously updated on Venice 2010 or other events

My organization is interested in participating in the exhibition. Please send further details

I wish to offer a paper entitled

I am interested in having my paper considered for possible submission to the official IWWG peer-reviewed journal “Waste Management” published by Elsevier.

I suggest that this announcement should also be sent to

