



11th

International Congress on Combustion By-Products and their Health Effects

*Combustion Engineering and Global Health
in the 21st Century: Issues and Challenges*

CALL FOR PAPERS

May 31 - June 3, 2009

U.S. EPA Environmental Research Center Campus
Research Triangle Park, NC USA

Deadlines:

Abstract submission: February 17, 2009

Acceptance of abstract for presentation: March 20, 2009

Submission of paper (optional): May 19, 2009

For Registration and Further Information:

<http://www.lsu.edu/piccongress/>

Sponsored by:

*Electric Power Research Institute, Louisiana State University, Navistar,
National Institute of Environmental Health Sciences, National Science
Foundation, U.S. Environmental Protection Agency,*



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Abstracts due February 17, 2009

Sponsors:

National Institute of Environmental Health Sciences-Superfund Basic Research Program
U.S. Environmental Protection Agency: Office of Research and Development
Louisiana State University
National Science Foundation
Electric Power Research Institute
Navistar

Integrated Conference Themes:

Combustion emissions (conventional and alternative fuels)
Global climate change
Priority pollutants and chemistry in urban and rural environments
Clean coal technologies
Soot and nanoparticle formation and characterization
Advanced diesel processes
Metals, mercury, and ash chemistry
Waste treatment
Organic air toxics
Advanced diagnostics and measurement technologies
New/emerging measurement technologies in aerosol science and combustion by-products on-line monitoring
Indoor air
Biofuels

Characterization and health impacts of coarse, fine, and ultrafine ambient air particles
Health effects of combustion pollutants in developing countries

Susceptibility factors

Persistent free radicals and oxidative stress

Carcinogenicity and mutagenicity of air pollutants

Biomarkers of exposure and effect

Toxicogenomics and predictive toxicology

Epigenetics

Impact of air pollution on cardiovascular and pulmonary disease

Emerging health issues: germ cell effects, *in utero* exposures, neurogenic effects

Biokinetics/biodegradation: the respiratory tract as portal of entry

Pollutant impacts on exercise

Regulatory issues

Developing economies

Indoor and occupational exposures

Ecological effects

Emissions from combustion sources continue to be an important health and environmental issue. Recent studies have identified new biological effects and mechanisms associated with exposure to combustion emissions, and a more detailed picture is emerging of the combustion parameters and atmospheric chemistry associated with adverse health effects.

The objectives of this Congress are to provide an international forum to discuss topics on the origin, fate, and health effects of combustion by-products. This field has gained significant relevance to worldwide environmental policy because risk-based programs rely increasingly on the ability of advanced scientific research to provide mechanistic, diagnostic, and analytical answers to complex problems concerning exposure to air toxicants.

The Congress provides a forum for advanced learning through emphasis on internationally recognized speakers; advanced scientific, health, and engineering research presentations; and an extensive poster session. This focus furnishes ample learning experiences and knowledge exchange for all participants. The Congress is especially interested in attracting abstracts and encouraging participation from students and new investigators.

Researchers and practitioners have the opportunity to interact and discuss recent developments and future goals in the control of combustion by-products, as well as to explore in great detail the effects of exposure to combustion emissions on human health and ecosystems.

Local and International Organizing Committee:

Henning Bockhorn, Ph.D., University of Karlsruhe

Kefa Cen, Acad., Ph.D., Zhejiang University

Larry Claxton, Ph.D., U.S. Environmental Protection Agency

David DeMarini, Ph.D., U.S. Environmental Protection Agency

Heidelore Fiedler, Ph.D., United Nations

M Ian Gilmour, Ph.D., U.S. Environmental Protection Agency

Mel Keener, Ph.D., Coalition for Responsible Waste Incineration

William Linak, Ph.D., U.S. Environmental Protection Agency

Slawomir Lomnicki, Ph.D., Louisiana State University

Stellan Marklund, Ph.D., Umea University

Raffaele Ragucci, Istituto di Ricerche sulla Combustione, CNR

Antonio Tregossi, Istituto di Ricerche sulla Combustione, CNR

Bianca Maria Vaglieco, Istituto Motori, CNR
Jost Wendt, Ph.D., University of Utah

Executive Steering Committee:

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Tom Hesterberg, Navistar
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JoAnn Lighty, Ph.D., University of Utah
Donald Lucas, Ph.D., Lawrence Berkeley Laboratory
Gunter Oberdoerster, Ph.D., University of Rochester
Doug Smith, Ph.D., ENSR
Tobias Stoeger, Ph.D., German Research Center for Environmental Health
William Suk, Ph.D., National Institute of Environmental Health Sciences
Ron Wyzga, Electric Power Research Institute
Ralf Zimmermann, Ph.D., GSF Forschungszentrum für Umwelt Und Gesundheit

11th Congress Secretariats:

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Administrative Support:

Ms. Tina Black, Email: tblack@lsu.edu

Ms. Brenda Massengill, Email: bpmassengi@yahoo.com

Ms. Vickie Worrell, Email: vworrell@epa.gov

Abstract Submission:

Deadline for abstract submission: February 17, 2009. Visit the conference site (<http://www.lsu.edu/piccongress/>) to submit abstracts electronically. Abstracts should be written in English and be no longer than 250 words. Notification of acceptance of abstracts for presentation will be confirmed by March 20, 2009. Authors submitting and presenting a paper or poster must be registered as Congress delegates.

Publication:

Although optional, arrangements are being made to submit full papers to *Environmental Engineering Science* (http://www.liebertpub.com/publication.aspx?pub_id=15). Refer to the journal website for formatting guidelines. The manuscripts should be submitted directly to the Congress website by May 19, 2009.

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Acceptance of abstract for presentation: March 20, 2009

Early registration deadline: April 29, 2009

Hotel reservation deadline (for reduced rate): April 29, 2009

Submission deadline of paper to Congress website (optional): May 19, 2009

Provisional Program:

Sunday, May 31	4:00 pm	Registration Desk Opens
	6:00 - 8:00 pm	Welcome Reception
Monday, June 1	8:00 am	Registration
	8:45 am	Welcome
	9:00 am	Invited Plenary 1
	9:45 am	Invited Plenary 2
	10:30 am	Break
	11:00 am - 1:00 pm	Concurrent Technical Sessions 1&2
	1:00 pm	Lunch
	2:00 - 4:00 pm	Concurrent Technical Sessions 3&4
Tuesday, June 2	4:30 pm	Poster Session & Reception
	9:00 am	Invited Plenary 3
	9:45 am	Invited Plenary 4
	10:30 am	Break
	11:00 am - 1:00 pm	Concurrent Technical Sessions 5&6
	1:00 pm	Lunch
	2:00 - 4:00 pm	Concurrent Technical Sessions 7&8
	5:00 pm	Conference Picnic & Durham Bulls Ballgame
Wednesday June 3	9:00 am	Invited Plenary 5
	9:45 am	Break
	10:00 am - 12:00 pm	Concurrent Technical Sessions 9&10
	12:00 pm	Congress Adjourns

Conference Venue:

The 11th Congress will be held at the U.S. Environmental Protection Agency's Environmental Research Center Campus, 109 TW Alexander Dr., Durham, NC 27713 (<http://www.epa.gov/rtp/>).

Registration Fees:

Early registration (until April 29, 2009): \$250.00

Normal registration (after April 29, 2009): \$350.00

Student registration: \$150.00

Student Travel Awards:

Up to ten \$1000.00 travel stipends are available to students at U.S. universities through sponsorship from the National Science Foundation. A limited number of travel stipends are also available for students at non-U.S. universities. Students should contact Ms. Tina Black (tblack@lsu.edu) for details.

Hotel Accommodations:

A block of rooms have been reserved at the Radisson Hotel Research Triangle Park (formerly the Governor's Inn) located at 150 Park Dr, Research Triangle Park, NC 27709 (<http://www.radisson.com/researchtriangelnc>). This hotel is very nice (with large rooms and sleep number beds) and is the most convenient to the EPA campus (approximately 1 mile away). Prevailing Government rates will be honored (currently \$95.00/night, excl. taxes). Reservations (for the reduced rate) must be made by April 29, 2009 by contacting the hotel directly (Tel: 919-549-8631, Fax: 919-547-3510). Please mention the 11th Congress.

Transportation:

The Radisson Hotel Research Triangle Park will provide courtesy morning and evening transportation to EPA for their registered guests. Each guest should discuss transportation needs with the hotel in advance. Pick up and drop off at the RDU airport (approximately 8 miles away) is also available upon request. The hotel has also agreed to provide spouses and other guests with courtesy transportation to and from local malls and shopping centers during the day.

Social Events:

The 11th Congress will open Sunday evening with a welcome reception at the Radisson Hotel Research Triangle Park. Monday's Poster Session & Reception will be held on the EPA Campus. The Tuesday Picnic and Durham Bulls Ballgame (vs. Toledo Mud Hens) will be held at the Durham Bulls Athletic Park (http://www.dbulls.com/stadium/athletic_park.html). Busses will be provided. The conference registration fees include both Sunday and Monday receptions, as well as coffee breaks and buffet lunches at EPA on Monday and Tuesday. Tickets for Tuesday's picnic and ballgame can be purchased for \$25.00.

Cancellation and Refund Policy:

Registration fees: Cancellations received before May 1, 2009 will be refunded in full less \$50.00. After that date no refund will be possible.

Hotel accommodations: Guaranteed reservations not cancelled prior to 6:00 pm EST three days prior to arrival will be charged for one night plus applicable taxes.