

Subject

Despite stringent legislation, the relevance of airborne fine particles from domestic biomass combustion has recently increased dramatically in Europe. The main aim of this workshop is to provide a platform for intense discussion between scientists from combustion research, atmospheric aerosols and toxicology. This will be achieved by a poster session, in topic focussed discussion groups and plenary discussions.

Leading experts in the field will highlight the state of art on:

- Particle formation by wood combustion
- Atmospheric aging of wood combustion aerosols
- Toxicology of aerosols from small scale biomass combustion
- European strategies on mitigating air pollution

We wish to direct your attention to this workshop and would be happy to receive your poster presentations on this topic. Please submit your one-page abstract until 28th of April 2011 to Mr. Torsten Schröder, torsten.schroeder@dbfz.de.

The meeting is organised by the European Aerosol Assembly and Deutsches BiomasseForschungsZentrum gemeinnützige GmbH (DBFZ, German Biomass Research Centre).

Members of the Scientific Committee are:

- Prof. Dr. Daniel Dietrich
- Dr. Wolfgang Ahlf
- Prof. Maija-Riitta Hirvonen
- Dr. Volker Lenz
- Dr. Francois-Xavier Ouf
- Dr. Hanns-Rudolf Paur
- Prof. Alfred Wiedensohler

For further information on this meeting please visit the conference homepage:
<http://www.eac2011.com/>
<http://www.waermeausholz.de/veranstaltungen.html>

Information, registration and submission of posters and abstracts

Deadline one-page abstract for the poster:
April 28th 2011

Deadline for registration:
June 30th 2011

Deutsches BiomasseForschungsZentrum gGmbH
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Germany

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Accommodation

A list of hotels in Manchester can be found on the homepage of the European Aerosol Conference EAC 2011:
<http://www.eac2011.com/>

Venue

The University of Manchester, University Place
Oxford Road
Manchester, United Kingdom
Detailed information about how to get there can be found on the homepage of the European Aerosol Conference EAC2011:
<http://www.eac2011.com/>



Technologie- und Förderzentrum
im Kompetenzzentrum für Nachwachsende Rohstoffe



EUROPEAN AEROSOL ASSEMBLY (EAA)



TUHH
TUHIVE

Universität
Konstanz



Supported by



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

Heat from wood –
fine particulate emissions

Invitation

Aerosols from domestic biomass heating, characterisation and toxicity – critical pathways towards sustainability of biomass based heating

Satellite workshop within the European Aerosol Conference EAC 2011

September 3rd and 4th 2011
Manchester

Saturday, September 3rd 2011

- 14:00 Registration
- 14:45 Opening and welcome
Dr. Hanns-Rudolf Paur
- 15:00 Lecture I: Small scale biomass combustion and exhaust gas emissions
Chair: Dr. Hanns-Rudolf Paur
Speaker: Prof. Jorma Jokiniemi
- 15:45 Discussion invited lecture I
- 16:00 Lecture II: Atmospheric aging of wood combustion aerosols
Chair: Dr. Hanns-Rudolf Paur
Speaker: Dr. Yoshiteru Iinuma
- 16:45 Discussion invited lecture II
- 17:00 Coffee break
- 17:15 Lecture III: Toxicity of combustion aerosols
Chair: Prof. Maija-Riitta Hirvonen
Speaker: Prof. Judith T. Zelikoff
- 18:00 Discussion invited lecture III
- 18:15 Dinner
- 19:15 Slide presentation of the 3 best posters by the award winners (10 min each)
- 20:00 Open discussion at all posters with a glass of beer
- 21:30 End of first day

Sunday, September 4th 2011

- 10:00 Meeting of 3 working groups in parallel
- Working group A:**
- Particle formation and biomass combustion
 - Combustion optimisation
 - particle formation and reduction by secondary measures
 - Measurement artifacts during sampling and dilution of exhaust gases
Chair: Dr. Volker Lenz
- Working group B:**
- Atmospheric aging
 - Biomass combustion and climate effects
 - Characterisation of biomass combustion aerosols in atmosphere (tracers etc.)
Chair: Prof. Alfred Wiedensohler
- Working group C:**
- Toxicity of aerosols from biomass combustion processes
 - Systems, suitable for detection of toxic effects (in vitro systems)
 - chemical characteristics responsible for toxicological effects
Chair: Prof. Daniel Dietrich
- 11:30 Coffee Break
- 12:00 European Legislation towards Clean Biomass Combustion
Speaker requested
- 13:00 Lunch
- 14:00 Reports from the Working Groups
Chair: Dr. Hanns-Rudolf Paur
- 14:00 Presentation of the results of working group A
Dr. Volker Lenz
- 14:20 Presentation of the results of working group B
Prof. Alfred Wiedensohler
- 14:40 Presentation of the results of working group C
Prof. Daniel Dietrich
- 15:00 Final Discussion
- 15:15 Conclusive Remarks
- 15:30 End of workshop

Registration form

Deadline for registration: 30th June 2011
Fee: 200 EUR (100 EUR for Students)

The attendance fee is free of VAT and is to be paid before 30th June 2011.

The attendance fee includes the conference material, refreshments during the breaks, the dinner on Saturday, and the lunch on Sunday.

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Name, Surname, Title

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Institution

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Street

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Postal Code, City

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Phone

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Fax

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E-Mail

Please send the fulfilled application form until June 30th 2011 via E-Mail at:
torsten.schroeder@dbfz.de,
fax at +49 341 2434-133 or

via regular mail at:
Deutsches BiomasseForschungsZentrum gGmbH
German Biomass Research Center
Torsten Schröder
Torgauer Straße 116
04347 Leipzig
Germany

You receive the bank account with the registration confirmation.