

Call for Papers and Invitation
12th ETH-Conference on Combustion Generated Nanoparticles
June 23rd –25th 2008
www.nanoparticles.ethz.ch

10.January 2008

Dear Colleagues,

We invite you to the 12th Conference on Combustion Generated Nanoparticles scheduled at the Institute of Technology ETH Zürich on Monday 23rd to Wednesday 25th of June 2008 – please pay attention to this change of the date. The venue will be again at ETH-Zentrum.

The conference will continue to provide an interdisciplinary forum for experts in various fields for the discussion of new scientific findings on combustion-generated nanoparticles, methods to characterize such particles for research, automobile type-approval, diagnostics, manufacturing control and in-use compliance testing. Moreover, we intend to discuss progress in internal and external emission control of IC-engines and other technical combustions, as well as health effects due to combustion-generated nanoparticles and their effects on climate.

Sessions will focus again on combustion generated particles and not on manufactured particles:

- Formation of nanoparticles in IC-engines - effects of fuels, lubricants and engine technology.
- Metal oxide emissions from engine wear and lube oil of mobile and stationary IC-engines.
- Formation of nanoparticles in biomass combustion.
- Exhaust after-treatment technologies to eliminate nanoparticles and their possible secondary emissions.
- The fate of combustion generated nanoparticles in the atmosphere.
- Important parameters and modeling strategies for close-to-traffic exposition.
- Impact of black carbon nanoparticles on global warming: observations, experiments, predictive modeling.
- Instrumentation, calibration and sample treatment for measuring solid and volatile nanoparticles.
- Exposition inside vehicles and possibilities of cabin air cleaning from nanoparticles.
- Legislation and enforcement of limit values and/or abatement technology to clean the air soon and efficient .
- Health effects due to combustion-generated nanoparticles – naotoxicology and epidemiological aspects.

Invited keynote speakers will highlight the complexity of research and technology topics and new health impact findings. During a Focus-Event scheduled on Wednesday afternoon invited speakers will deal with particular aspects of emission reduction and administration of Low Emission Zones.

Papers and Posters:

We invite you to contribute either oral presentations or posters pertaining to the above mentioned subjects. Please send your proposals on the attached “Abstract Form” electronically not later than Tuesday Friday 28th of March 2008. Abstract must contain information on the research subject, the investigation methods and results obtained so far. Graphs are welcome. During your presentation you may expand on this with additional data. We need your final contribution in electronic format, latest at the meeting, to include it in the proceedings. This final submission should contain all of the presented data together with a 1-2-page text introducing the topic.

Exhibition of Nanoparticle Measurement Instruments and Particle Filter Systems:

An exhibition will again be part of this event. Please apply for exhibit space using the attached form.

Conference Fee and Social Events

As in previous years, there will be no conference fee and thanks to the support of our sponsors we are happy to invite you to a dinner party, organized at the university, on the evening of Monday 23rd of June and there will again be a welcome party on Sunday night - for the venue please consult the conference homepage.

Deadlines for Registrations

Registration deadline for attending the meeting is 23rd of May – please use the attached “Registration Form”. The travel and tourism addresses mentioned below are useful to prepare your stay in Zurich.

With kind regards from the Organizing Committee

Prof.Dr.K Boulouchos	ETH / LAV	Dr.A.Prévo	PSI	Dr.Dr.C.D.Schegk	VERAN	
Prof.Dr.H.Burtscher	FHNW / IAST	Th.W.Lutz	ETH	Dr.Dr.M.Kasper	Matter Engineering	ETH
Prof.Dr.J.Czerwinski	AFHB Biel	P.Kirchen	ETH	Dr.Dr.C.Leuenberger	LEUPRO	A.May
Prof.Dr.P.Gehr	Uni Berne	Dr.M.Mohr	EMPA	A. A.Mayer	TTM	

Organization: A. Mayer/TTM

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Travel Agencies:

HRG Switzerland Ltd,
Täferstrasse 26
CH-5405 Baden-Dättwil
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e-mail: hrg.baden.ch@hrg.worldwide.com

ZÜRICH TOURISM

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e-mail: hotel@zuerich.com

**12th ETH-Conference on Combustion Generated Nanoparticles
June 23rd – 25th 2008**

Registration Form

- I am planning to **attend the meeting** on 23rd – 25th of June 2008 at ETH Zurich
- I will attend the dinner party on Monday night
- I will attend the welcome party on Sunday night

Name

Affiliation.....

Mailing address

Phone E-mail.....

**Return by Email latest 23rd of May 2008 to
ttm.a.mayer@bluewin.ch**

12th ETH-Conference on Combustion Generated Nanoparticles
August 23rd - 25th 2008

Paper/Poster-Abstract Form

Name of Author:.....
Co-Authors.....
Affiliation.....
Mailing address
Phone / Fax..... E-mail.....

Title:

Abstract: (min. 300 - max 500 words)

The abstracts for papers and posters should contain unpublished information on the research subject, the investigation methods and results obtained so far. Graphs and references are very welcome. During your presentation at the conference you may expand on this with additional data and results. General information on products which are already commercially available are not the focus of the presentations but are very welcome at the exhibition.

Short CV:

**Return by Email latest 28th of March 2008 to
ttm.a.mayer@bluewin.ch**

12th ETH Conference
Combustion Generated Nanoparticles
August 23-25, 2008, ETH Zürich

Exhibitor Arrangements:

Ms. Kathleen Slattery
Matter Engineering
Nanoparticle Measurement
Bremgarterstr.62
5610 Wohlen
Switzerland

T +41 56 618 66 41
E ETH.exhibition@matter-engineering.com

Wohlen / Zürich, January 5th, 2008

Instrument and Filter Exhibition

Dear Colleagues,

From June 23rd to 25th, 2008 we expect some 400 experts to attend the 12th ETH Conference on "Combustion Generated Nanoparticles" in Zürich.

As in previous years, there will be an opportunity to present your company, products and services in an exhibition near the conference venue.

Please let us know if your company is interested in participating in the exhibition not later than 16th May 2008 to the below mentioned Email-address.

Date: June 23-25, 2008
Place: ETH Zürich, Switzerland
Booth: approx. 5 m² (1.5 m x 3.6 m)
Fee: CHF 1100.00 / EUR 700.00

- We will participate; please reserve a booth for us.
- Please put us on stand-by. We are not sure yet
- We would like to sponsor the conference with an additional contribution of CHF _____

Sincerely,
Dr. Markus Kasper
Member of the Organising Committee

Company Name
Address
Contact Person
(phone, fax, email)
www address

- filter / DPF particle measurement

reply to: ETH.exhibition@matter-engineering.com