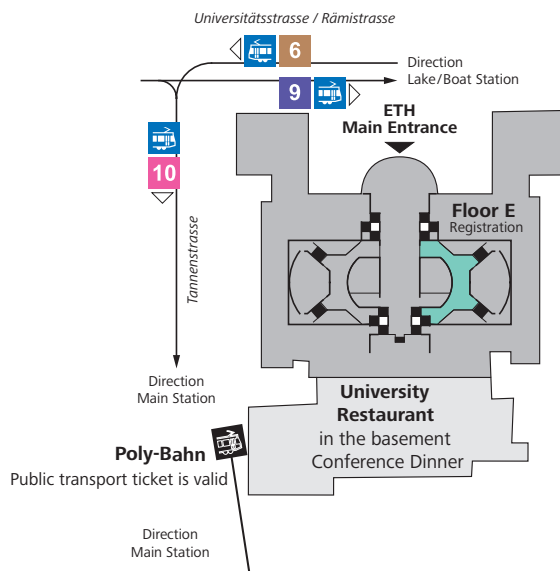
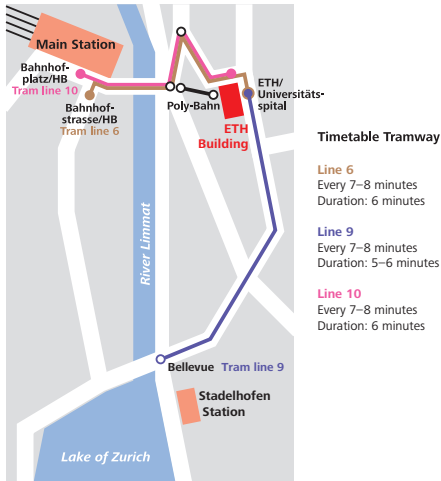


## Conference Location

The conference is held at the  
Swiss Federal Institute of Technology Zurich (ETHZ)  
Main Building  
Rämistrasse 101, CH-8092 Zürich  
Phone: +41 44 632 11 11  
[www.ethz.ch](http://www.ethz.ch)

situated above Zurich's old town. It is accessible by tram  
lines 6, 9 and 10 or, as an adventurous alternative, by the  
Polybahn (see maps below).



## Registration and Conference Fee

Online registration is required under  
[www.nanoparticles.ethz.ch](http://www.nanoparticles.ethz.ch) where the abstract form  
and the exhibitor application form can be downloaded.  
No participation fee will be charged. This is possible only  
thanks to the generous financial support of our sponsors.

For questions related to the online registration  
please contact

Anita Anselmi  
Phone: +41 44 268 20 71  
[anita.anselmi@lunge-zuerich.ch](mailto:anita.anselmi@lunge-zuerich.ch)



## Travel information and Accommodations

Online hotel reservation is possible via the  
Conference homepage [www.nanoparticles.ethz.ch](http://www.nanoparticles.ethz.ch).

Or contact

Zurich Tourism  
Post Box  
CH-8023 Zürich  
Phone: +41 44 215 40 40  
[www.zuerich.com](http://www.zuerich.com)  
[hotel@zuerich.com](mailto:hotel@zuerich.com)

General information is also available on CH Tourism,  
[www.myswitzerland.com](http://www.myswitzerland.com)

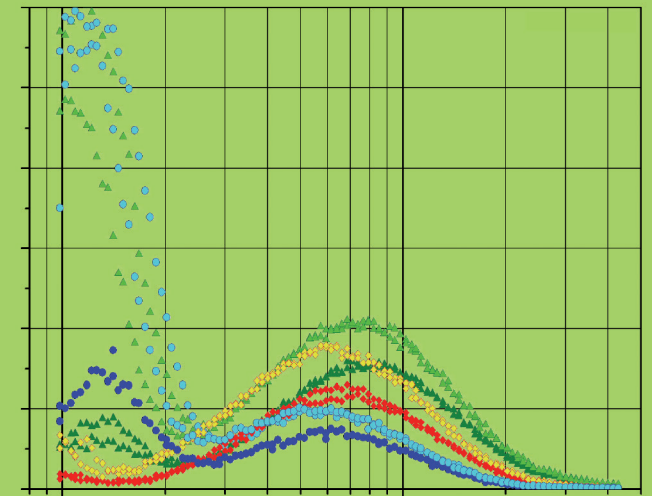
## Further Information

Dr. Andreas Mayer, TTM  
[ttm.a.mayer@bluewin.ch](mailto:ttm.a.mayer@bluewin.ch)  
Phone: +41 56 496 64 14

## Invitation and call for papers to the

# 20<sup>th</sup> ETH-Conference on Combustion Generated Nanoparticles

## Focus Event: Particle Filter Quality under Real World Conditions



June 13<sup>th</sup> – 16<sup>th</sup>, 2016  
ETH Zurich, Switzerland  
[www.nanoparticles.ethz.ch](http://www.nanoparticles.ethz.ch)

The ETH Conference on Combustion-Generated Nanoparticles serves as an interdisciplinary platform for expert discussions on all aspects of nanoparticles, freshly emitted from various sources, aged in ambient air, technical mitigation aspects, impact of particles on health, environment and climate and particle legislation. The conference brings together representatives from research, industry and legislation.

### Conference Topics

- Ambient air particles
- Aircraft and airports
- Biomass combustion (coorganized by task 32 of IEA Bioenergy)
- Environmental impact and global warming
- Health effects
- Legislation, certification and enforcement
- Emission control of gasoline engines
- Nanoparticle formation
- Non-road and stationary sources
- Particle filter technologies
- Secondary emissions
- Source apportionment
- UFP metrology

### Opening and Key Notes

The conference will be opened by Prof. Dr. Lino Guzzella, President of the ETH Zürich. Invited keynote speaker is Giovanni D'Urbano, Head of Traffic Section, FOEN. His talk is entitled "Looking back to 20 years of filter technology in Switzerland".

### Focus Event: Particle Filter Quality under Real World Conditions

Efficient and durable emission control of motor vehicles is a necessity to mitigate air pollution in cities. The focus event will show how to do it with respect to particle filter technology. Experience will be presented from administrative authorities by Dr. Alberto Ayala, CARB, but also from filter and engine manufacturers. Results of emission control in modern and older bus fleets and in construction machines are shown, and a systematic control approach including inspection and maintenance will be suggested.

### Health Session

The session will provide new experimental and epidemiological results about health consequences of environmental air pollution under particular consideration of ultrafine particles. Of special interest are carbon nanotubes from combustion engines and possible resultant health effects.

### Papers and Posters

- We kindly invite you to submit abstracts for oral and poster presentations according to instructions given on the registration page [www.nanoparticles.ethz.ch](http://www.nanoparticles.ethz.ch).
- Abstracts must contain new information and results related to the above mentioned topics.
- Best poster presentations will be awarded.
- Presenters at the conference will be invited to submit full length papers for publication after peer-review, in a special issue of the journal "Emission Control Science and Technology" <http://tinyurl.com/ecst-ETH>.
- All contributions (including pdf copies of talks, posters and abstracts) will be published on the conference page. Submission of an abstract includes your agreement for publication on the conference homepage.

### Scientific and Organizing Committee

Anita Anselmi, LUNGE ZÜRICH  
Prof. Dr. Urs Baltensberger, PSI  
Dr. Christophe Barro, ETH/LAV  
Oliver Bischof, TSI  
Prof. Dr. Konstantinos Boulouchos, ETH/LAV  
Prof. Dr. Heinz Burtscher, FHNW/IAST  
Dr. Luis Cachón, Testo  
Prof. Dr. Jan Czerwinski, BFH/AFHB, Biel  
Giovanni D'Urbano, FOEN, Bern  
Prof. (em) Dr. Peter Gehr, University of Bern  
Dr. Norbert Heeb, Empa  
Adrian Hess, PSI  
Dr. Christoph Hüglin, Empa  
Dr. Markus Kasper  
Prof. Dr. Nino Künzli, Swiss TPH & University of Basel  
Dr. Christian Leuenberger, LEUPRO  
Thomas W. Lutz, ETH/LAV  
Dr. h.c. Andreas Mayer, TTM  
Prof. Barbara Rothen-Rutishauser, AMI, University of Fribourg  
Dr. Claus-Detlef Schegk, VerAn  
Yan Zimmerli, BFH/AFHB, Biel

### Exhibition

The exhibition on particle measurement instrumentation and emission control devices including nanoparticle filters for biomass combustion is an integral part of the conference. Due to space limitations we recommend early registration with the exhibitor application form for best booth positions. For further information contact Dr. L. Cachón, Phone: +49 7653 681 50 62, [LCachon@testo.de](mailto:LCachon@testo.de).

### Deadlines

- Abstract submission for oral and poster presentations: April 2, 2016
- Exhibition application: April 2, 2016
- Information on paper/poster acceptance by April 25, 2016
- Registration for participants: May 20, 2016

### Social Events

The conference welcome party will take place on Monday, June 13, at 7 pm in the Faculty restaurant on top of the ETH main building.

On Tuesday, June 14, an exhibitor reception takes place.

All participants are cordially invited to join the sponsored conference dinner on Wednesday evening, June 15, at the ETH restaurant (see maps on next page).

Registration for the welcome party and the conference dinner is mandatory on [www.nanoparticles.ethz.ch](http://www.nanoparticles.ethz.ch).

The Swiss Federal Institute of Technology at the shores of beautiful Lake Zürich is hosting the 20<sup>th</sup> Conference on Combustion Generated Nanoparticles with a focus on particle filter quality under real world conditions.

