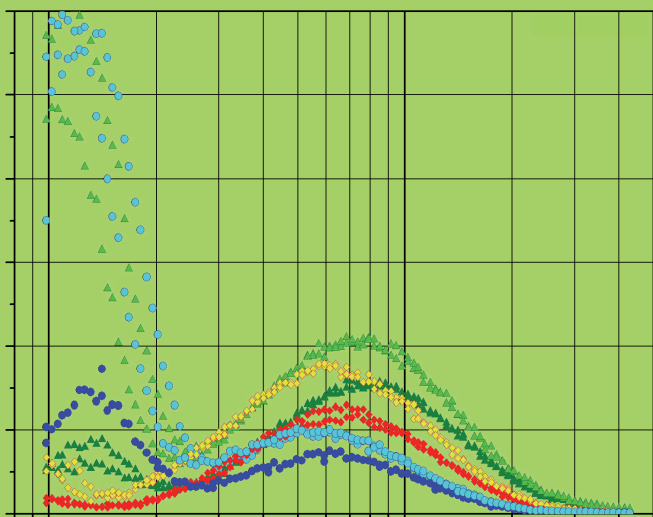


On-site  
Conference

Invitation and save the date for the

# 27<sup>th</sup> ETH-Nanoparticles Conference (NPC-24)

Including the  
Workplace and Indoor Aerosols  
Conference (Aerosols-24)



June 10–14, 2024

ETH Zürich, Switzerland – on-site

[www.nanoparticles.ch](http://www.nanoparticles.ch)

@ethnpc

Sponsors welcome

Organized by the NPC-Association,  
a registered non-profit  
organization, and the Aerosols  
Conference committee

Under the auspices of  
FOEN, SCS and ETH Zürich



SCS  
Swiss Chemical  
Society

## 27<sup>th</sup> ETH-Nanoparticles Conference (NPC-24)

This year's Nanoparticles Conference at the ETH Zürich is organized as a joined event together with the Workplace and Indoor Aerosols Conference (Aerosols-24). The NPC serves as an interdisciplinary platform for expert discussion on all aspects of nanoparticles, freshly emitted from various sources, transformed in ambient air, distributed on local and global scale, on technical mitigation aspects, particle legislation, and impact of particles on health, environment, and climate. The conference brings together representatives from research, industry and legislation.

### Conference Topics

- Aircraft, marine and other non-road sources
- Ambient air particles, secondary pollutants
- Biomass-, biofuel- and synfuel combustion
- Brake and tyre wear, non-combustion emissions
- Emission control of combustion engines
- Environmental effects
- Filtration of combustion and biogenic nanoparticles
- Health effects
- Impact on climate
- Indoor particles and workplace aerosols
- Legislation and enforcement
- Nanoparticle formation and transformation
- Nanoparticle metrology and chemical characterization
- Nanoparticle chemistry and toxicology
- Occupational exposure and prevention
- Periodical technical inspection for in-use vehicles

### Joined Conference on Nanoparticles and on Workplace and Indoor Aerosols

The COVID pandemic and the measures implemented to abate the release and transport of virus-containing aerosols have proven the importance of indoor exposure. We can announce that the NPC-24 will be organized together with the Workplace and Indoor Aerosols Conference (Aerosols-24). Accordingly, a focus of the joined conference will be on indoor particles and aerosols at workplaces. This part is co-organized together with the Aerosols Conference team and time is reserved on June 13 and 14, 2024.

### Health Session

The session will provide new experimental and epidemiological results about health consequences of combustion emissions and nanoparticle exposure.

## Scientific and Organizing Committee

Claudia Auinger, Empa

Dr. Oliver Bischof, TSI

Peter Bonsack, FOEN

Prof. em. Dr. Heinz Burtscher, FHNW/ISE

Prof. em. Dr. Jan Czerwinski, BFH/AFHB, Biel

Dr. Imad El Haddad, PSI

Prof. Danilo Engelmann, BFH/AFHB, Biel

Prof. em. Dr. Peter Gehr, University of Bern

Dr. Martin Gysel, PSI

Dr. Norbert Heeb, Empa

Dr. Christoph Hüglin, Empa

Ron Kappeler, Swiss TPH

Dr. h.c. Andreas Mayer, TTM

Prof. Dr. Claudia Mohr, ETH, PSI

PD. Dr. Loretta Müller,

DBMR University of Bern, Inselspital Bern

Prof. Dr. Barbara Rothen-Rutishauser,  
AMI, University of Fribourg

Dr. Lauretta Rubino, VERT

Dr. Claus-Detlef Schegk, VerAn

David Spichiger, Swiss Chemical Society

Dr. Martin Stöckli, inspire AG

Dr. Konstantina Vasilatou, METAS

Céline Wittwer, Swiss Chemical Society

Yan Zimmerli, BFH/AFHB, Biel

## Papers and Posters

- We invite you to submit abstracts for oral and poster presentations for both events on the conference website [www.nanoparticles.ch/registration](http://www.nanoparticles.ch/registration).
- Abstracts must contain new information and results related to the aforementioned topics.
- Best poster presentations will be awarded with prize money and certificates.
- Presenters at the conference will be invited to submit full length papers for publication after peer-review, in the journal "Emission Control Science and Technology"
- All contributions including pdfs of talks, posters, and abstracts will be published on the conference website. Submission of an abstract includes your agreement for publication on the conference website.

## Exhibition

The exhibition on particle measurement instrumentation (PMI) and emission control devices (ECDs) is an important part of the conference.

For further information and registration contact:

Prof. Dr. H. Burtscher (PMI) and Dr. K. Vasilatou (PMI)

E-mail: [Konstantina.Vasilatou@metas.ch](mailto:Konstantina.Vasilatou@metas.ch)

Dr. L. Rubino, VERT-CEO (ECDs)

E-mail: [laurettarubino@yahoo.co.uk](mailto:laurettarubino@yahoo.co.uk)

## Important Dates and Deadlines

- Registration opening: December 15, 2023
- Abstract submission deadline for oral and poster presentations: extended to January 26, 2024
- Exhibition application deadline: extended to Jan. 26, 2024
- Information on paper/poster acceptance by March 1, 2024

## Registration and Conference Fees

Online registration is required under [www.nanoparticles.ch/registration](http://www.nanoparticles.ch/registration). A participation fee will be charged to partially cover conference costs. A fee of CHF 400 will be charged for the 4 days conference. The day fee is CHF 125. Reduced fees of CHF 300 (4 days) and CHF 100 (one day) are offered to students and retirees.

## Travel Information and Accommodation

Online hotel reservation is possible via

Zürich Tourism

Post Box

CH-8023 Zürich

Phone: +41 44 215 40 00

[www.zuerich.com](http://www.zuerich.com)

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

## Further Information

Chair of the Organizing Committee NPC-24

Dr. Norbert Heeb

E-Mail: [norbert.heeb@empa.ch](mailto:norbert.heeb@empa.ch)

Chair of the Organizing Committee Aerosols-24

Prof. Dr. Claudia Mohr

E-Mail: [claudia.mohr@env.ethz.ch](mailto:claudia.mohr@env.ethz.ch)

## Under the Auspices of

ETH Zürich, Swiss Chemical Society,

Federal Office for the Environment, FOEN

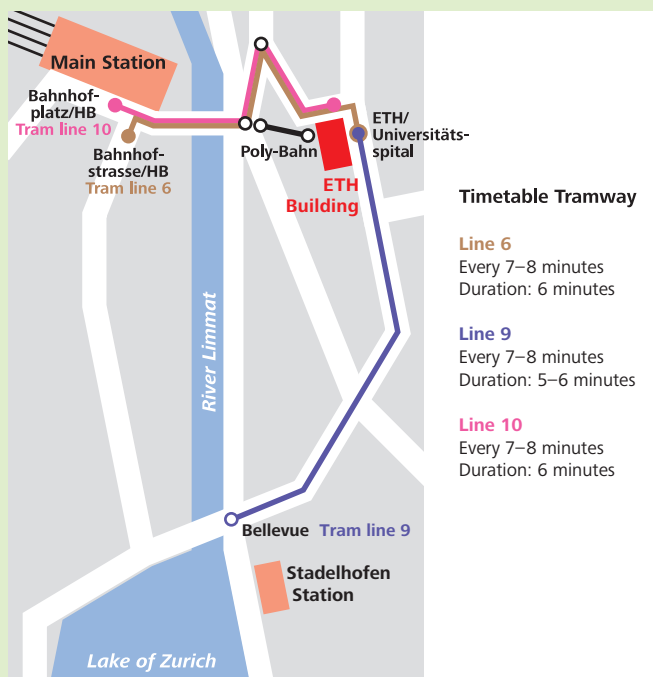
On-site  
Conference

## Conference Location

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

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

## Tram Connections

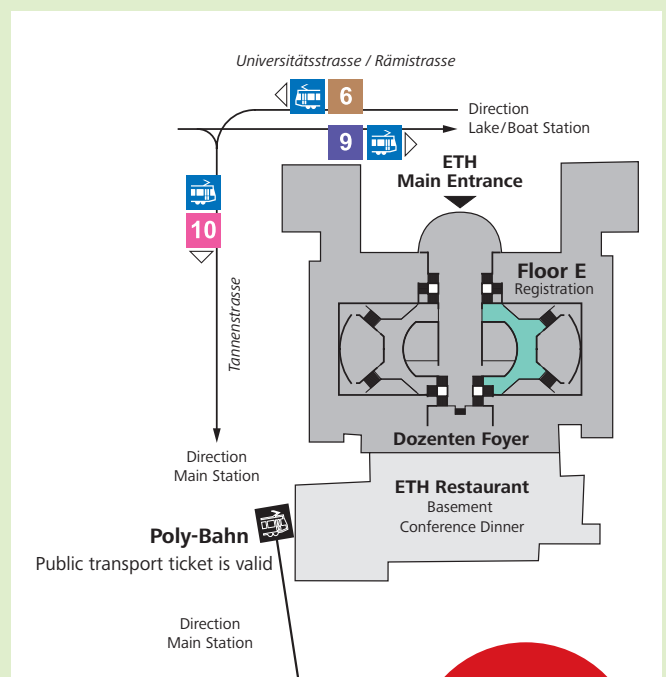


## Social Events

The **Welcome Party** on Monday Evening, June 10, is at the Faculty Foyer (Dozenten Foyer, see map) on the rooftop of the ETH main building which guarantees spectacular views on Zürich.

All participants are cordially invited to the **Conference Dinner** on Wednesday, June 12, at the ETH restaurant (see map).

## ETH Main Building



On-site  
Conference

Spectacular evening sky mirroring in the river Limmat at the outflow of Lake Zürich together with the Grossmünster, Helmhaus and the Münster bridge.

