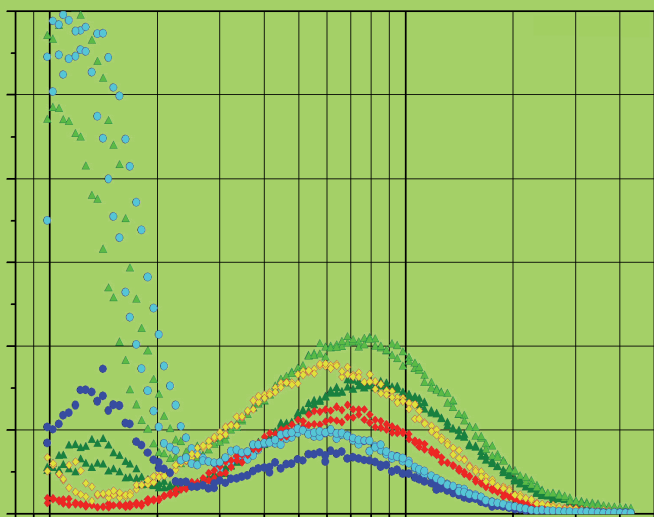


On-site
Conference

Invitation and save the date for the

28th ETH-Nanoparticles Conference (NPC-25)

Focus Event Brake and Tyre Wear Particles



June 16–19, 2025

ETH Zürich, Switzerland – on-site

www.nanoparticles.ch

[@ethnpc](https://twitter.com/ethnpc)

Sponsors welcome

Organized by the
NPC-Association, a registered
non-profit organization

Under the auspices of
ETH Zürich, FOEN and SCS



SCS
Swiss Chemical
Society

28th ETH-Nanoparticles Conference (NPC-25)

The Nanoparticles Conference in 2025 is organized at the ETH Zürich as an on-site conference. 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
- Combustion-derived nanoparticles
- Emission and 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

Focus Event Brake and Tyre Wear Particles

With the introduction of Euro-7 vehicle legislation both, combustion-related and non-combustion emissions such as wear particles from brakes and tyres are regulated for the first time. These new regulations have started initiatives to minimize e.g. brake wear particles with filter technology or remove toxic metals, fibers and compounds from brake and tyre materials. In addition, toxicology and health effects of these neglected particles are studied on large scale. All these aspects will be addressed in the 2025 focus event.

Health Session

The session will provide new experimental and epidemiological results about health consequences of exposure to combustion and non-combustion particles.

Scientific and Organizing Committee

Claudia Auinger, Empa

Dr. Oliver Bischof, TSI

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

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

Prof. Dr. Marloes Eeftens, Swiss TPH

Dr. Imad El Haddad, PSI

Prof. Dr. Danilo Engelmann, BFH/AFHB, Biel

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

Dr. Martin Gysel-Beer, PSI

Dr. Norbert Heeb, Empa

Dr. Christoph Hüglin, Empa

Dr. h.c. Andreas Mayer, TTM

Prof. Dr. Claudia Mohr, ETH, PSI

PD. Dr. Loretta Müller,

DBMR University of Bern, Inselspital Bern

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AMI, University of Fribourg

Dr. Laretta Rubino, VERT

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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 on the conference website www.nanoparticles.ch/registration.
- Abstracts must contain new information and results related to the aforementioned topics.
- Best poster presentations and talks will be awarded with prize money and certificates.
- 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:

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

E-mail: Konstantina.Vasilatou@metas.ch

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

E-mail: laurettarubino@yahoo.co.uk

Important Dates and Deadlines

- Registration opening: November 25, 2024
- Abstract submission deadline for oral and poster presentations: January 17, 2025
- Exhibition application deadline: January 17, 2025
- Information on paper/poster acceptance by March 10, 2025

Registration and Conference Fees

Online registration is required under www.nanoparticles.ch/registration. A participation fee of CHF 400 will be charged for the 3 day conference. The day fee is CHF 150. Reduced fees of CHF 200 (3 days) and CHF 100 (one day) are offered to students and retirees.

Fees are also applicable for presenters and can be paid after paper acceptance.

Travel Information and Accommodation

Online hotel reservation is possible via

Zürich Tourism

CH-8023 Zürich

Phone: +41 44 215 40 00

www.zuerich.com

General information is also available on CH Tourism

www.myswitzerland.com

Further Information

Chair of the Organizing Committee NPC-25

Dr. Loretta Müller

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and

Dr. Norbert Heeb

E-mail: norbert.heeb@empa.ch

Under the Auspices of

ETH Zürich,

Federal Office for the Environment, FOEN,

Swiss Chemical Society, SCS

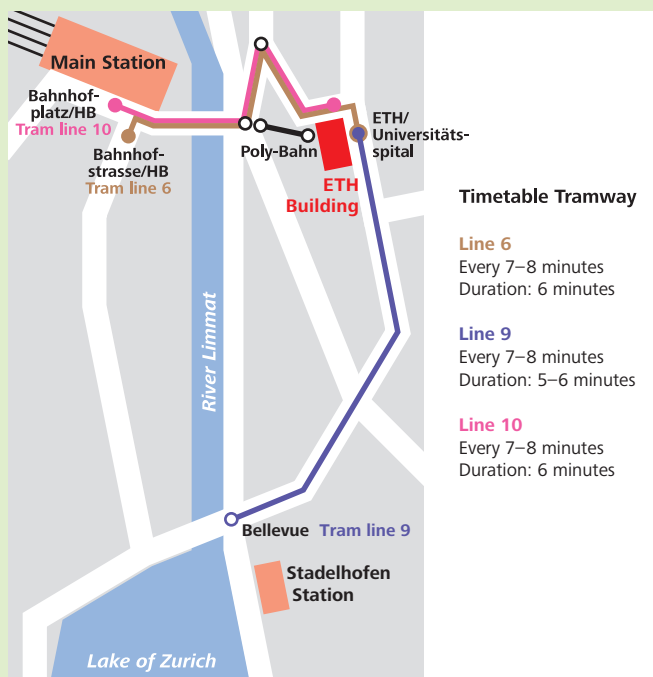
On-site
Conference

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

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



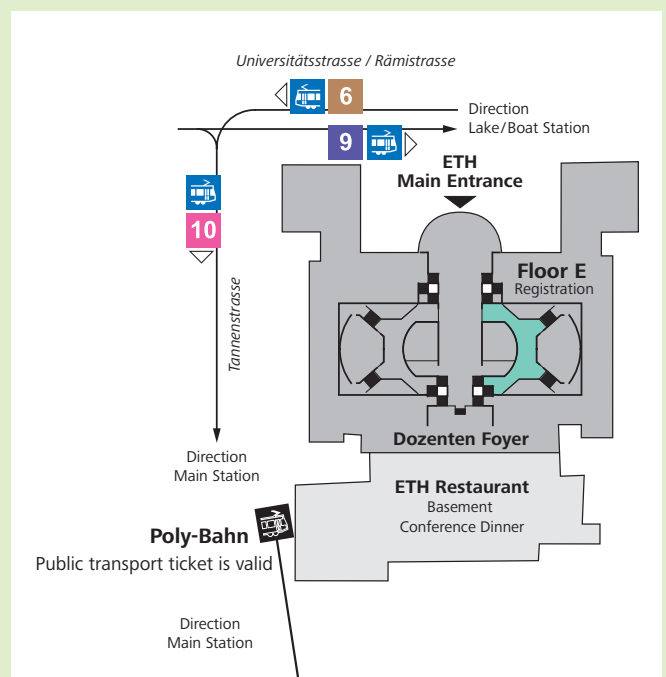
Social Events

The **Welcome Party** on Monday Evening, June 16, is at the Faculty Foyer (Dozenten Foyer, see map) on the rooftop of the ETH main building which guarantees spectacular views on Zürich.

The Exhibitor Apéro on Tuesday, June 17 at the ETH main building is a good occasion for networking.

All participants are cordially invited to the **Conference Dinner** on Wednesday, June 18, at the ETH restaurant (see map).

ETH Main Building



On-site
Conference

Zürich's old town at the outflow of the River Limmat at the western end of Lake Zürich is a fascinating labyrinth of alleys, narrow roads, bridges and places to explore walking.

