

Joint TAP and SE 2023

An international scientific conference on the environmental impacts of the transport sector: a collaboration between the 25th International Transport and Air Pollution and the 3rd Shipping and the Environment conferences.

25 – 28 September 2023
Gothenburg, Sweden

More information: <https://www.ivl.se/tapase>



TAP&SE 2023 is a forum to discuss a wide variety of questions related to the impacts of the transport sector on all parts of the environment, including atmosphere, climate, terrestrial ecosystems and the marine environment. At a time when a fast transition to carbon neutral transport is essential, we welcome both contributions in the traditional areas of TAP and S&E conferences, and holistic studies investigating multimodal transport and/or impacts on several areas of the environment.

Submission of abstracts will open 15 December 2022

Deadline for abstract submission: 31 January 2023

Local organizers and funders:



UNIVERSITY OF
GOTHENBURG



Collaborators:



Contact information

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TAP responsible: Åke Sjödin S&E responsible: Jana Moldanova

Conference program and topics

The joint conference program will include:

- 25-26 September: 25th TAP conference
- 27 September: Joint TAP & S&E sessions on shipping, air pollution and holistic assessment of transport impacts
- 27-28 September: 3rd S&E conference

TAP topics:

- RDE and open issues for pollutant emissions such as emission tampering, non-compliant vehicles, emission deterioration, non-regulated pollutants, non-exhaust emissions (from brakes, road and tyre wear, resuspension).
- In-service conformity and new concepts for enhanced emission testing in PTI.
- Vehicle greenhouse gas (GHG) emissions, energy consumption, vehicle and vehicle fuel life cycle analysis.
- Vehicle emission modelling and measurements.
- Non-road emissions: rail, aviation and mobile machinery.

Joint TAP and S&E:

- Emissions – exhaust and non-exhaust emissions, impact of abatement measures (emission of air pollutants, water contaminants, GHG and energy pollution including ambient and underwater noise and vessel-induced mixing, experimental studies, emission modelling, emission inventories).
- Atmospheric processes and air quality impact studies (modelling impacts of transport on air pollution and climate, impacts of transport-related air pollution on health and ecosystems).
- Compliance monitoring (technological and legal frameworks; experimental studies, theoretical impact studies).
- Reduction measures for emissions of GHGs (alternative fuels, electrification, optimization of energy consumption; interdisciplinary and cross-sector studies).
- Scenarios and Policy Options for Sustainable Transport.

S&E topics:

- Marine processes – fate of pollution from shipping in the marine environment (impact studies on ecotoxicology, eutrophication and acidification, energy pollution including underwater noise & induced mixing; experimental work, modelling studies of dispersion, transport, and chemical and biological processes in marine waters).
- Holistic assessment of shipping impacts on the environment, shipping in marine spatial planning.

Key dates

- 15 Dec 2022: Website opens for submission of abstracts
- 31 Jan 2023: Deadline for submission of abstracts for oral and poster sessions
- 1 Mar 2023: Abstract acceptance notification
- 1 May 2023: Deadline for submission of full-length papers
- 15 Jun 2023: Papers reviewed and deadline for early bird registration
- 1 Sept 2023: Submission of final papers and final deadline for registration