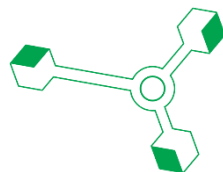


20th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes

14-17 September 2020, Tartu, Estonia



<https://www.ut.ee/>

<http://www.klab.ee>



<https://visittartu.com/>

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First Announcement

20th International Conference on
Harmonisation within Atmospheric
Dispersion Modelling
for Regulatory Purposes

Tartu, Estonia
14-17 September 2020



Medieval cathedral renovated in 19th century as the university library, now University of Tartu Museum

Co-organized by

University of Tartu
Tartu, Estonia

Estonian Environmental Research Centre
Tallinn, Estonia

Audience

The 20th International conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes (Harmo20) is aimed towards model developers, model users, environmental protection agencies and legislation experts. What distinguishes this conference from many others is its focus on common tools and methodologies.

Focus of the conference

The series of international conferences on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes is concerned with the improvement of “modelling culture” both in Europe and at an international level.

Dispersion modelling is widely used for regulatory purposes, both for permits and for assessments, but there is a lack of sufficient mechanisms to make modelling processes transparent and ensure trust in modelling results.

There are many open questions and aspects of this, such as: Are the models scientifically sound for the purpose they are used? Are the models validated against observations or physical experiments? Are the models properly used by the experts? Are the users familiar with good practices and do they avoid bad practices? Are model developments sufficiently quality assured? Are reference problems established? Is proper exchange of experiences ensured? Work on these questions is needed in order to assess the air quality impacts on society and nature, on human health, biodiversity and climate.

Such issues that are not specific for one particular model, but common to several, are in focus at the 20th International conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes.

The series of Harmonisation conferences started in 1991 (see www.harmo.org) and is a natural forum for discussing modelling issues related to the European Union air quality directives. European networks such as the FAIRMODE network and COST Actions can use the conference in order to expose their work to a wider audience.

The Harmonisation conferences provide the ground where model users and decision-makers can bring their requirements to the attention of scientists and search together for better regulatory tools and indicators for the diverse impacts of air quality.

Find further details:

<http://www.harmo.org/harmo20>

<https://harmo20.ut.ee>

Call for abstracts

Short abstracts of maximum 350 words should be submitted by **February 16, 2020** through the link

<https://harmo20.ut.ee/programme/abstracts>

with indication of preference for oral or poster presentation and topic.

Sessions will be organised within the following topics:

- Model evaluation and quality assurance – model validation, model intercomparisons, model uncertainties and model sensitivities.
- Environmental impact assessment: Air pollution management and decision support systems.
- Use of modelling in support of EU air quality directives, including FAIRMODE activities.
- Parametrization of Physical Processes and Mathematical Problems in Meteorology and Air Quality Modelling.
- Urban Scale and Street Canyon Modelling: Meteorology, Air Quality and Passive Control Systems.
- Use of modelling in health and exposure assessments.
- Inverse dispersion modelling and source identification.
- Modelling air dispersion and exposure to accidental releases.
- Highlights of past work. Session devoted to reviews and to prominent scientists and ‘golden papers’ of the past, which have still relevance and should not be forgotten.

The basic criteria when selecting papers for oral presentations is how well they fit into the philosophy of developing an improved modelling culture where modellers as well as regulators and users will efficiently use each other’s experience. When submitting abstracts authors are requested to motivate how their paper relates to the underlying main theme of the conference: *Harmonisation within modelling* in a broad sense (see abstract submission form).

Special sessions:

Special sessions may be arranged on model evaluation exercises and other topics within the scope of the conference.

If you have suggestions for special sessions, please contact the organisers as soon as possible.

Information on special sessions and exercises will be posted on the conference web site and in the second announcement.

Important Dates

Short abstracts (less than 350 words) should be submitted by **February 16, 2020**

Confirmation for acceptance of contributions will be made by **April 30, 2020**.

Five-page extended abstracts should be submitted by **July 31, 2020**.

Conference start: **September 14, 2020**.

Location

The Conference will take place at the Dorpat Convention Centre in Tartu, 14-17 September 2020.

See <https://www.dorpat.ee/conference-in-tartu-2/>

The Centre is well equipped for academic conferences and has cooperation traditions with University of Tartu, arranging the meetings.

The venue is in very city centre of Tartu, at 10 minutes walking distance from historical old town, main building of University of Tartu and several hotels. The Centre and Dorpat Hotel are next buildings to the intercity bus station of Tartu, which has 2.5-hour bus connection each half hour with airport of Tallinn. Registration for the conference and hotel options at attractive rates will be available through: <https://harmo20.ut.ee>

Co-Organized by

The University of Tartu (www.ut.ee) founded in 1632 is the highest-ranking university in Baltic countries (Estonia, Latvia, Lithuania) and in top 1.2% of world universities. With its 13,000 students and 1300 doctoral students, 56 first-stage programmes, 68 master programmes and 33 doctoral programmes is University of Tartu the largest in Estonia. More than a half of doctoral degrees in Estonia are defended there. The Institute of Physics includes laboratories of atmospheric physics and environmental physics.

Estonian Environmental Research Centre (www.klab.ee) is the government-owned company of applied environmental chemical and physical research. Estonian Environmental Research Centre (EERC) provides analyses of quality of water, food, fuel etc. to wide range of clients and is responsible for a large part of national environmental monitoring network, incl. air quality monitoring and modelling.