ECCOMAS
European Community on
Computational Methods
in Applied Sciences

ECCOMAS
Thematic Conference

EURO:TUN 2025

VI International Conference on
**Computational Methods and
Information Models in Tunnelling**

September 22-24, 2025 | Vienna, Austria

https://eurotun2025.conf.tuwien.ac.at

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Conference Office

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ECCOMAS Thematic Conference

EURO:TUN 2025 is one of the Thematic Conferences of the European Community on Computational Methods in Applied Sciences (ECCOMAS). For further information on ECCOMAS please visit: www.eccomas.org.

Supporting Universities & Companies

RUHR UNIVERSITÄT BOCHUM — RUB   Ruhr University Bochum, Germany

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ÖBB INFRA   ÖBB-Infrastruktur, Austria

Tongji University, China

An event endorsed by — AITES   International Tunnelling and Underground Space Association (ITA - AITES)

Conference Venue

EURO:TUN 2025 will take place on the premises of the TU Wien, within only a few minutes of walking distance to many of the city's world-famous attractions.

It can be easily reached by public transport from Vienna International Airport, which provides direct flights to 170 destinations worldwide.

Social Program

A welcome cocktail will take place on Monday, September 22.

A banquet, given by the Mayor of the City of Vienna, will take place at the Rathauskeller in the picturesque City Hall on Tuesday, September 23.

Accommodation

Block reservations at preference rates will be arranged by the organisers. Detailed information is available on the conference webpage.

Registration Fee

	Early*	Late**
ECCOMAS-Members	€ 590	€ 690
Non-ECCOMAS-Members	€ 630	€ 730
Students	€ 390	€ 490
Banquet	€ 40	€ 40

*applicable until May 23, 2025   **applicable after May 23, 2025

The fees include the book of abstracts, coffee breaks, lunches, and the welcome cocktail. The conference banquet can be booked separately.

Important Dates

Abstract, deadline	March 21, 2025
Notification of acceptance	May 9, 2025
Early registration, deadline	May 23, 2025
Presenter registration, deadline	June 6, 2025

Organised by:

TU WIEN   Bau & Umwelt imws

Conference website

Objectives

Computational models and methods, together with advanced exploration and monitoring techniques are, by now, established tools in underground engineering. While numerical methods are nowadays regularly applied in the design, construction and maintenance of underground structures, thus evolving from a pure research state to a vivid and practically used technology of highly innovative potential, the conference aims to discuss the latest advances and challenges connected with computational prognosis models and methods to generate safe, economic and environmentally friendly solutions in subsurface engineering and tunnelling.


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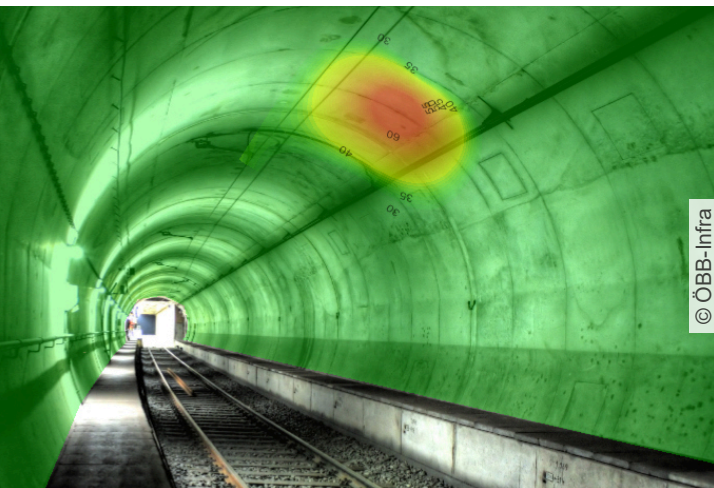
EURO:TUN 2025 is the sixth conference of a series of successful conferences started in 2007 in Vienna. EURO:TUN 2025 expands the range of topics from the specific area of simulation models for tunnelling towards computational models and methods for related areas of subsurface engineering such as mining, caverns and subsurface storage facilities. Like the previous conferences, EURO:TUN 2025 aims to provide a forum for the discussion, assessment and review of latest advancements in research, new developments and applications of computational models and methods in tunnelling and subsurface engineering. Furthermore, it will provide an overview of the current state of the research and future perspectives of numerical modelling and computational technologies in underground construction.

Topics

EURO:TUN 2025 will be concerned with innovative computational concepts and strategies for optimised design and construction of tunnels. Topics to be addressed include:

- information modelling in underground construction,
- computational modelling, machine learning approaches, and digital twins,
- modelling of excavation processes and soil-structure interaction,
- uncertainty modelling, and methods of inverse analysis and parameter identification,
- design optimisation and risk analysis,
- soft computing, visualisation, data mining, and expert systems in tunnelling,
- advanced multi-phase and multi-scale models for soils and rocks and the temporary and permanent support in tunnelling,
- process and logistics modelling,
- other related topics.
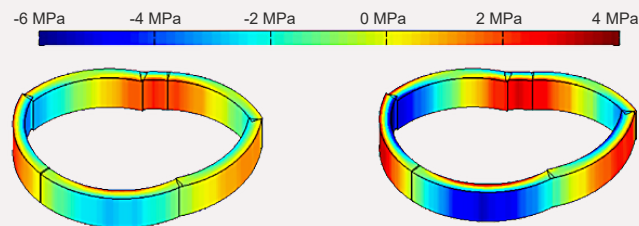
Call for Papers

Prospective authors are kindly invited to submit an extended two page abstract related to the conference topics through the conference online system by March 21, 2025.

The template is available at the conference webpage.

Exhibition

Companies and/or publishers are kindly invited to exhibit their products and services. Interested exhibitors can find all necessary information on the conference website.

Chairman

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Günter Hofstetter	University Innsbruck, Austria
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(as of November 11, 2024)

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