

11th International Symposium of Geotechnical Aspects of Underground Construction in Soft Ground (IS-Macau 2024)

Tunnelling and Underground Construction for Smart Cities

Macao SAR, China

June 14 - 17, 2024

 Conference website: <https://is-macau2024.skliotsc.um.edu.mo>

INTRODUCTION

We are very pleased to invite you to participate in the 11th International Symposium of Geotechnical Aspects of Underground Construction in Soft Ground (IS-Macau 2024) to be held in Macao SAR, China in June 2024. This highly successful series of TC204 symposium provides a premier forum for researchers and practitioners to present and discuss new problems, solutions, and technologies in underground construction and related areas.

Macao is the single most consistent example of cultural interchange between Europe and Asia. The official languages are Chinese and Portuguese. Having developed into a bustling city with a worldwide reputation in entertainment, Macao is also at the heart of the Guangdong-Hong Kong-Macao Greater Bay Area, which promotes its fast development in infrastructure development and underground construction in recent years.

TOPICS

- 01 >> Basic Properties of Soft Soils
- 02 >> Constitutive and Numerical Modelling
- 03 >> New Technologies of Ground Improvement in Soft Ground
- 04 >> Big Data, Artificial Intelligence, and Machine Learning in Tunnelling and Underground Engineering
- 05 >> Sustainability and Resilience of Underground Infrastructure
- 06 >> Smart Monitoring and Visualization Technologies for Tunnelling and Underground Construction
- 07 >> Observation Method in Underground Construction
- 08 >> Field Case Studies






CALL FOR PAPERS

Prospective authors should submit an abstract in English of up to 500 words related to the theme topics. The work in a proposed paper shall be original and has not been published elsewhere. Abstracts shall be submitted through the submission system of the conference website.

SYMPOSIUM FORMAT AND PUBLICATIONS

The Symposium will include sessions for presentation and discussion. The working language will be English. The conference proceedings will be published online Open Access on www.taylorfrancis.com, and will be sent to multiple indexing services, including Elsevier (Scopus, Compendex and EI) and Clarivate Analytics, formerly the IP & Science business of Thomson Reuters (Web of Science). Selected conference papers will be invited for a full journal paper submission to a special Issue "Tunnelling and Underground Construction for Smart Cities" in the journal of Underground Space.

IMPORTANT DATES

 April 15	Abstract submission deadline
 June 15	Notification of provisional acceptance
 September 15	Full paper submission deadline
 January 15	Notification of provisional acceptance
 June 2024	Final program

Conference Chairs

Wan-Huan Zhou (University of Macau, Macao)

Tao Xu (Southeast University, China)

Co-Chair

Giulia Viggiani (University of Cambridge, UK)

Organizers

State Key Laboratory of IoT for Smart City (IoTSC) and Department of Civil and Environmental Engineering, University of Macau

TC204 Underground Construction, ISSMGE

Co-organizer

Macao Association for Geotechnical Engineering

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