

International Forum on Construction Technology in Tunnelling and Underground (CTTU)

16–17 January 2020



MONASH
University

Melbourne, Australia

1st Announcement and Call for Abstract

INVITATION

The International Forum on Construction Technology in Tunnelling and Underground (CTTU) will be hosted in Melbourne, Australia. The organisers of CTTU would like to welcome researchers and engineers of the tunnelling and underground engineering community to Melbourne in 2020 to participate in the meetings and the discussions on underground construction technology.

SCHEMES

CTTU conference covers various topics related to tunnelling and underground engineering, highlighting the innovations in scientific research, technology development, and engineering solution. The topics range from outstanding applications of technologies and information modelling in tunnelling and underground infrastructure projects; advanced sensing, machine learning and big data analytics techniques applied in tunnelling and underground infrastructure; information and data schema for defining, structuring, and exchanging underground space and asset information; algorithms and concepts used to streamline and automate data analysis and support decision making in underground space; process modelling for operational analysis and management of underground construction; semantic-web services for the support of construction, operation and maintenance of underground space; and tunnel boring machines (TBMs) positioning automation in underground construction.

ABSTRACT SUBMISSION

Prospective authors are invited to submit abstracts on various topics within the conference scheme. Abstracts should be about 200-300 words long, with a title, authors' names and affiliations, and email addresses, and be submitted at the conference website before 31 July 2019. Selected articles of this conference will be published in the Tunnelling and Underground Space Technology. The official language of the conference is English.

ORGANISATION

CTTU is to be organised by Monash University of Australia, in association with other universities and institutes around the world. The Organising Committee will be chaired by Dr Qianbing Zhang (qianbing.zhang@monash.edu) and co-chaired by Prof Yu Bai (yu.bai@monash.edu) and Dr Yihai Fang (yihai.fang@monash.edu). Contact information is available at CTTU website, <http://www.construction-forum.com/>.

PROGRAMME AND ASSOCIATED EVENTS

CTTU will have 2-day presentations and discussions on 16-17 January 2020. BIM short courses, numerical modelling workshops and technical visits (Westgate Tunnel and Melbourne Metro Tunnel) will be organised before and after the conference.

Please visit <http://www.construction-forum.com/> for more information!

