

Tunnel Boring Machines in Difficult Grounds

4th International Conference

November 14 - 15, 2019
Golden, Colorado USA

See the recent advances in TBM technology and innovations



underground

TBM DiGs is an international conference series that provides a specialized technology forum discussing and exchanging knowledge related to TBM works in difficult ground. The series covers a wide range of topics, including characterization of difficult ground field observations and case studies, physical and laboratory tests, numerical modelling and techniques, treatments of difficult grounds, TBM design and installation, tunnel support design, monitoring and risk management. TBM DiGs 2019 is the fourth conference in this series.

TBM DiGs 2019 is jointly organized by universities, research organizations, contractor machine manufacturers, and other stakeholders in the tunneling industry on a global level and is focused on TBM tunnelling technologies. The conference organizers would like to welcome researchers and practitioners involved with TBM tunnelling to the TBM DiGs 2019 conference to share, to cooperate, and to progress. The Organizing Committee for TBM-DiG 2018 includes UCT faculty as well as TBM experts from around the world.

Listen to the world's foremost experts in TBM tunneling

KEYNOTE SPEAKERS

Herbert Einestlin	Professor, Massachusetts Institute of Technology
Lok Home	President, The Robbins Company
Werner Berger	Chief Engineer, Herrenknecht AG
Wang Dujuan	CTO, China Rail Equipment Group (CREG)
Annosh Shamsabadi	Transportation Engineering Manager, California High Speed Rail Authority
Enrique Pedro Fernández González	Head of Tunneling Technical Department, Dragados USA Inc.

PARTNER INSTITUTIONS

ETHzürich
Istanbul Teknik Üniversitesi
Korea Institute of Civil Engineering and Building Technology
Louisiana Tech University Trenchless Technology Center
Monash University Department of Civil Engineering
Montan Universität Leoben
Norwegian University of Science and Technology
RUHR Universität Bochum
Seoul National University
Southeast University Institute of Future Underground Space
Tongji University
Wuhan University

Share the experiences of recent TBM tunneling projects in Difficult Ground Conditions



Photo courtesy of CREG

INDUSTRY PARTNERS



Conference Website: <https://tbmdigs2019.org>

Interact with TBM manufacturers, contractors, consultants and support industries

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TOPICS

- k - Very Hard and Abrasive rocks
- k - Squeezing ground
- k - Long and deep tunnels
- l - Sticky soil and Clogging
- l - Abrasive soil and high wear on TBM
- l - High water pressure – hyperbaric challenges
- ed Ground conditions
- novation – New Technology (construction chemicals, sensory items, big data, operational simulation)
- gh Groundwater inflow / Gassy tunnels
- reme TBM tunneling (very small/big TBMs, remote areas, outer space construction)
- anufacturing challenges and new developments
- gistics and Site Management for challenging TBM tunneling

PAPERS

The Conference provides an excellent opportunity for sharing knowledge through papers presented at the Conference. The schedule for submittal of abstracts and manuscripts is shown below.

April 2018	Call for abstracts
August 1, 2018	Abstract submission starts
November 19, 2018	Abstracts final deadline
January 1, 2019	Abstract decisions to authors
June 1, 2019	Full papers due
August 1, 2019	Full papers review and selection announcement
October 1, 2019	Paper revisions and final manuscripts due

SPONSORS AND EXHIBITORS

opportunities for sponsorship and exhibition space can be explored on the Conference website at the links shown below.

SPONSORSHIPS		EXHIBITORS
iamond	\$10,000	Exhibition space will be available at rates ranging from \$2,000 to \$3,500. https://tbmdigs2019.org/exhibitors.html
atinum	\$7,500	
old	\$5,000	
lver	\$2,500	
other levels available		
https://tbmdigs2019.org/sponsor.html		

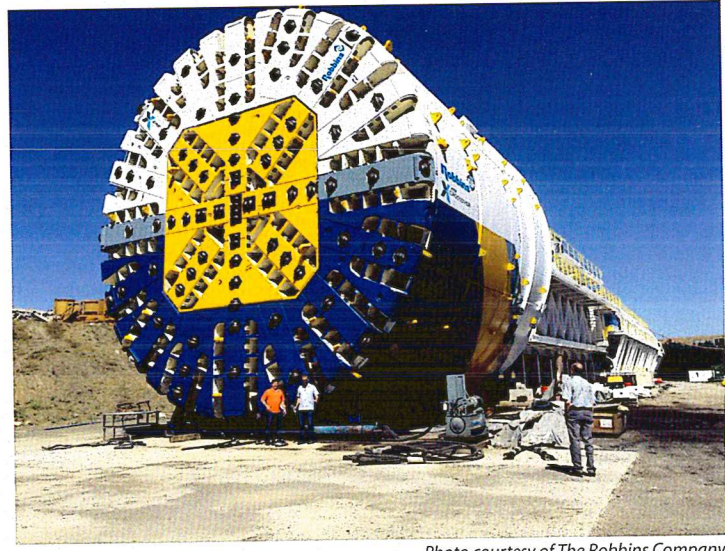


Photo courtesy of The Robbins Company

FOR MORE INFORMATION

Conference website: <https://tbmdigs2019.org>
Questions? Contact Jamal Rostami, rostami@mines.edu



Photo courtesy of Herrenknecht AG

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