

INVITATION



ISRM

ARMS10

10th Asian Rock Mechanics Symposium
The ISRM International Symposium for 2018
29 OCT - 03 NOV 2018, SINGAPORE
www.arms10.org

Organizers and Partners:



Society for Rock Mechanics
and Engineering Geology
(Singapore)



Chinese Society for
Rock Mechanics and
Engineering



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10th Asian Rock Mechanics Symposium

The ISRM International Symposium for 2018

29 Oct - 03 Nov 2018, Singapore

THEME

Rock mechanics in resource and infrastructure development

Asia will see the greatest needs and opportunities for infrastructure development in the near future

Approximately US\$8 trillion¹ needs to be invested in overall national infrastructure before 2020, 68% of which is for new capacity. China and Singapore represent the two extremes of the infrastructure need in Asia.

China is home to almost one third of the tunnels in Asia – with around 700 TBMs² running through the country at any given time. One of the world's smallest countries, Singapore faces the challenge of meeting the development needs of a growing nation with limited land resources, with extensive use of underground space and rock caverns as a key economic strategy.

Source:

1 Warwick G. et al (2016, Feb 1) retrieved from: <http://www.singaporelawwatch.sg/slw/attachments/77949/1602-01%20Construction.pdf>
 2 Next Big Future (2014, Sep 2) Retrieved from: <http://nextbigfuture.com/2014/09/chinas-high-speed-rail-dominance-is.html>

Discover how rewarding your participation can be for you and your community

- ◆ Meet leaders in their field, collaborators, potential supervisors or graduate students
- ◆ Meet people in your field and put faces to names from publications
- ◆ Keep abreast of all advances in the field in a variety of subjects
- ◆ Gives students a chance to show off their work and gain new insights or ideas from others
- ◆ Address a particular issue or event that needs collaborative examination
- ◆ Have fun while advancing your field at the conference

SUB-THEMES

- Site investigations and rock mass characterisation
- Rock properties and testing
- Rock mass classifications
- Rock caverns and tunnels
- Rock slopes and foundations
- Rock support and ground improvement
- Excavation and extraction methods
- Hydro-fracturing and borehole stability
- Numerical modelling
- Design methods and analysis
- Rock dynamics and seismic design
- Nuclear power plants and waste disposal
- Instrumentation and monitoring
- Geohazards and risk management
- Innovations and technology advancement
- Smart mining and rock engineering (3D printing; GIS and 3D modelling; 3D scanning & mapping; wireless sensors, etc)
- Utilisation of rock cavern space
- Special rock engineering projects and case studies

PROGRAM

ISRM (ARMS) awards, student nights and scholarships for young researchers, and accompanying persons programme

MONDAY – 29 OCT 2018

- Short Courses
- Workshop
- ISRM Board Meeting & Dinner

TUESDAY - 30 OCT 2018

- Short Courses
- Workshops
- Regional Council Meetings
- ISRM Commission Meetings
- ISRM Council Meeting
- ISRM Council Reception

WEDNESDAY - 31 OCT 2018

- Opening Ceremony
- Keynote Lectures
- Concurrent Sessions
- Exhibition & Poster Display
- Welcome Reception

THURSDAY – 01 NOV 2018

- Keynote Lectures
- Concurrent Sessions
- Exhibition & Poster Display
- Symposium Banquet

FRIDAY – 02 NOV 2018

- Keynote Lectures
- Concurrent Sessions
- Closing Ceremony
- Exhibition & Poster Display
- Tear Down/Ship Out

SATURDAY - 03 NOV 2018

- Technical Visits (Half-Day)

IMPORTANT DATES

Abstract

Deadline: 01 Dec 2017
 Acceptance: 15 Jan 2018

Submit Manuscript

Deadline: 16 Apr 2018

Registration Payment

Author/Early Bird: 15 Aug 2018

Participate As an Exhibitor

There is a host of marketing opportunities that awaits organizations at ARMS10! By participating as an exhibitor at ARMS10, you can:

- Build and reinforce name/brand recognition of your organization and products among the local and visiting international rock mechanics engineers, scientists and professionals in related industries
- Promote the latest in scientific advances and discoveries
- Demonstrate your support for the rock mechanics community and commitment to education



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