

Publication

Abstracts will be printed and distributed in the Symposium program booklet. Extended abstracts will be printed in an electronic version of the proceedings which will be distributed in a memory card. Selected abstracts will be invited to submit full papers a special issue of "Geomechanics and Engineering (Impact factor: 1.085)". Submitted paper will be published after a review process.

Technical Tour

1. Jeju Island



Jejustone Park provides historic and cultural space where collected stones express Jeju's foundation and culture. Jeju World Natural Heritage center symbolizes Korea's first World Natural Heritage and creates system to efficiently manage and conserve World Natural Heritage sites in Jeju. Seopjikoji was the filming site of 'Gingko Bed', 'The Uprising', 'One Thousand and One Night' and other Korean TV dramas.

2. Hyundai Engineering & Construction R&D Division



Hyundai Engineering & Construction R&D Division has developing core technologies and creating R&D fields including infrastructure (reinforcing engineering competence by securing business based technologies), construction (leading new market - new business through green smart technology), and energy & environment (advanced organization for the expansion of business headquarters value chain).

Accompanying Persons' Program

The accompanying persons' program will be prepared.

Venue and Accommodation

The Symposium will be held at Ramada Plaza Jeju Hotel, located in the beautiful Jeju Island. Special discount rate will apply to the delegates.



Ramada Plaza Jeju Hotel, Jeju island

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2017 ISRM Young Scholars' Symposium on Rock Mechanics (YSRM2017) &
2017 International Conference on New Developments
in Rock Mechanics and Engineering (NDRM2017)

Challenges and Innovations in Rock Mechanics and Engineering

May 10-13, 2017

Ramada Plaza Jeju Hotel, Jeju, Korea



Organized by
Korean Society for Rock Mechanics (KSRM)



Co-organized by
Chinese Society for Rock Mechanics and Engineering (CSRME, Northeast Branch)



Sponsored by
International Society for Rock Mechanics (ISRM)

Invitation

Korean Society for Rock Mechanics (KSRM) cordially invites the international community of rock mechanics and rock engineering to attend the joint international symposium, the 4th ISRM Young Scholars' Symposium on Rock Mechanics (YSRM – an ISRM Specialized Conference) and the 5th International Symposium on New Developments in Rock Mechanics and Engineering (NDRM). Both series of international conference have been well attended in the past decade since there were many ongoing or planned rock engineering projects with challenging issues and innovative technologies involved. The theme of the Symposium "Challenges and Innovations in Rock Mechanics and Rock Engineering" was therefore selected to provide a forum to discuss the related subjects.

The event will be held in beautiful Jeju Island, a UNESCO's World Natural Heritage Site. The beautiful volcanic island and lava tubes attract many national and international tourists because of easy access with convenient flight schedules and no-VISA entry policy for most countries.

We would like to welcome you to Jeju Island in May 2017 to exchange knowledge and experiences in rock mechanics and rock engineering and to discuss innovative ideas in multi-disciplinary subjects among participants including many young scholars.

Looking forward to meeting you in Jeju Island.

Chairman of the Symposium, Seokwon Jeon

Call for Papers

Papers on a wide variety of topics in rock mechanics and rock engineering are invited to submit.

- Fundamental rock mechanics
- Laboratory and field testing and physical modeling
- Analytical and numerical methods in rock mechanics and rock engineering
- Underground excavation in civil and mining engineering
- Slope stability and subsidence for surface and underground mining system
- Sustainable development for energy and mineral resources
- Petroleum geomechanics
- Rock dynamics
- Coupled processes in rock mass
- Environmental issues in mining and land development
- Safety and risk management
- New frontiers and innovations of rock mechanics

Important Dates

Abstract submission (no more than 300 words):	December 12, 2016 (revised)
Notification of acceptance to authors:	January 11, 2017 (revised)
Extended abstract submission:	February 11, 2017
Final notification of acceptance to authors:	March 11, 2017
Paper submission to a special issue of <i>Geomechanics and Engineering</i> (optional):	June 11, 2017

Program at a Glance

Date	Program	
5/10 (Wed)	Short course	
	Welcome Reception	
5/11 (Thu)	Opening Ceremony	
	Keynote Lectures	
	Technical Sessions	
	Banquet/Scholarship Award	
5/12 (Fri)	Keynote Lectures	
	Technical Sessions	
	Female Young Scholars Luncheon	
	Closing ceremony/Outstanding Presentation Award	
5/13 (Sat)	Technical Tour 1	Technical Tour 2

Keynote Lectures

- Derek Elsworth (Pennsylvania State University, USA)
- Jishan Liu (University of Western Australia, Australia)
- Meifeng Cai (University of Science and Technology, China)
- Yuzo Obara (Kumamoto University, Japan)
- Ridho Kresna Wattimena (Institute Technology of Bandung, Indonesia)
- Jung-Woo Cho (KITECH, Korea) - Young Scholar Keynote Lecture

Special Programs

Short course

Applications in rock engineering (May 10, 09:00 – 17:00)
Organizer: Jae-Joon Song and Ki-Bok Min, Seoul National University

Rocha Medalist PhD thesis Exhibition

Rocha Medal has been awarded to the best rock mechanics PhD thesis of the year by ISRM since 1982. All the Rocha Medal PhD thesis will be exhibited during the symposium in order to inspire the young rock mechanics scholars.



PhD thesis poster 2013-2017

Special poster session will be arranged for the new PhD thesis in the past five years. We will invite all the new rock mechanics PhD for this session either through poster alone or poster plus participation.

Female Young Scholars Luncheon

We invite all the female rock mechanics students and scholars for this special event to discuss more contribution from female scholars. Dr Zhuang Li from Korea Institute of Civil Engineering and Building Technology will talk about "herstory" about the balance between rock mechanics and family.

Scholarship

Scholarships will be awarded to selected young scholars who are 40 years old or younger.

Outstanding Presentation Award

YSRM 2017 Committee will select winners of Outstanding Presentation Award in oral & poster presentation. An award certificate will be presented to each winner.

Language

The official language of the symposium is English.

Registration Fees

	ISRM/KSRM Members	ISRM/KSRM Non-Members	Students
Before Feb. 28	\$450	\$575	\$250
After Feb. 28	\$500	\$625	\$250