



Second Information Bulletin &  
Call for Papers

# ISRM International Symposium 2024 & 13th Asian Rock Mechanics Symposium (ARMS13) Advances in Rock Mechanics - Infrastructure Development



New Delhi  
India

22-27 September

2024

For more information log on to:  
<http://www.arms2024.org/>

## Sponsors



Under the Aegis of  
International Society for  
Rock Mechanics



**VENUE : New Delhi, India**

**MAIN THEME: Advances in Rock Mechanics – Infrastructure Development**

**SUB-THEMES:**

1	Advancement in Site Investigations and Characterization of Rocks & Rock Masses	8	Preservation and Restoration of Ancient Monuments
2	Application of Advance Geophysical Investigation Techniques	9	Deep Underground Mining Methods & Instrumentation
3	Constitutive Modelling of Rocks and Soils	10	Underground Space Development for Storages and other purposes
4	Rock Excavation Techniques-Drilling, Blasting	11	Innovations and Applications of IOT in Rock Engineering
5	Mechanical Cutting, Rock and Dump Slope Stability and Foundation Analysis	12	Structural Health Monitoring and Rehabilitation
6	Rock Supports, Instrumentations & Ground Improvement	13	Advancement in Laboratory Testing Techniques
7	Design Methods and Analysis – Analytical and Numerical Modelling	14	Geo-hazards and Risk Management
		15	Green Technologies for Zero Waste Generation and Sustainable Development
		16	Case Studies.

### ABSTRACTS SUBMISSION

Authors are invited to submit abstracts on any of the above themes. All accepted papers will be published electronically in the Workshop. The deadline for submitting abstracts is 15<sup>th</sup> January 2024. The accepted papers will be published in Symposium Proceedings.

### PRE SYMPOSIUM SHORT COURSES AND WORKSHOPS

Short courses & workshops are being planned during first two days of the symposium. The tentative topics are given below;

	Short Courses	Workshops
1	<b>SC 1 : Rock Mechanics in Tunnelling Techniques (Full Day)</b> <i>Prof. Debasis Deb, IIT Kharagpur, India</i> <i>Prof. V.M.S.R. Murthy, IITISM Dhanbad, India</i>	<b>WS-1 Smart Mining and Rock Engineering (Full Day)</b> <i>Prof. Dheeraj Kumar, Dy. Director, IIT (ISM) Dhanbad, India</i> <i>Prof. Debasis Deb, IIT Kharagpur India</i>
2	Construction of Dams and Tunnels in Weak Rocks	<b>WS-2 Rock Grouting (Full Day)</b> Hydrogeology and grouting ( <i>A. Fransson</i> ); Selecting grouting pressure ( <i>M. Akx</i> ); Refusal and the minimal flow criterion ( <i>M. El Tani</i> )
3	Emerging Trends in Rock Engineering	Use of Geo-synthetics in Rock Engineering Projects/ Seepage control in Underground Structures/Tunnels
4	Slope Stabilization Challenges in Infrastructure Projects	Integrating Rock Mass Classification Techniques and Tunnelling Technology
5	Risk Management for Tunnelling Projects	Rock Mechanics in Landslide Risk Analysis and Control
6	Advances in Numerical analysis in Rock Engineering	

### POST SYMPOSIUM TECHNICAL VISIT & SITE SEEING TOURS

A technical visit is planned to India's longest railway tunnel project under construction: Rishikesh - Karnaprayag Rail Project in state of Uttarakhand. Another visit is being planned for tunnel near to New Delhi, where drilling is being done.

### PROGRAMME SCHEDULE

	Morning	Afternoon	Evening
<b>22nd September 2024 (Sunday)</b>	Workshops/ Short Courses/ ISRM Board Meeting	Workshops/ Short Courses/ ISRM Board Meeting	
<b>23rd September 2024 (Monday)</b>	Workshops/ Short Courses/ISRM Commission Meetings/Joint Technical Committee Meeting	ISRM Council Meeting/Workshops/ Short Courses/Asian Council Meeting	
<b>24th September 2024 (Tuesday)</b>	Registration/Symposium Opening/ Rocha Medal Award/ Exhibition Opening / Poster Session Display	Registration /Symposium Sessions/ Exhibition/ Poster Session Display/Early Career Forum/ Rock Bowl	Welcome Reception/ Student's night
<b>25th September 2024 (Wednesday)</b>	Registration/ Symposium sessions/ Exhibition/Poster Sessions	Registration/ Symposium sessions/ Exhibition/Poster Sessions/ Rock Bowl	Banquet and Cultural Evening
<b>26th September 2024 (Thursday)</b>	Registration/ Symposium Sessions/ Exhibition/ Poster Sessions	Symposium Sessions/ Exhibition/ Poster Sessions/ Closing Ceremony	
<b>27th September 2024 (Friday)</b>	Technical Visit/ Site seeing	Technical Visit/ Site seeing	

## REGISTRATION FEE

The participants may register for the Symposium on website [www.arms2024.org](http://www.arms2024.org). Participants can also send the registration form by e-mail to the Symposium Secretariat along with payment. It is mandatory that at least one of authors of each paper shall register for the symposium for the paper to be included in the symposium proceedings.

### Symposium Registration Fee (Including tax @ 18%)

Event	Delegates Fee from India in (INR)				Delegates Fee from Other Countries in (USD)			
	ISRM Member	Non Member	Student Member	Student Non Member	ISRM Member	Non Member	Student Member	Student Non Member
Only Symposium (3 Days)	20,000	25,000	8,000	10,000	USD 500	USD 625	USD 250	USD 312
Workshops + Short Courses (2 Days)	8,000	10,000	4,000	5,000	USD 300	USD 375	USD 150	USD 187
Symposium + all workshops + all Short Courses (5 Days)	25,000	31,250	10,000	12,500	USD 680	USD 850	USD 340	USD 425
Accompanying Person	Rs. 10, 000				USD 300			
Early Bird Delegates	10% concession							
Retired Persons	<ul style="list-style-type: none"> <li>• 25% discount on Registration fee.</li> <li>• Should have age more than 60 years and should not be engaged in any regular employment (The cut-of date for retirement is 1st July 2024)</li> </ul>							
<b>Note:</b> Registration fee includes kit bag, tea, coffee, lunch and dinner (wherever applicable); Participants can avail only one type of discount.								
<b>Technical tour / site seeing fee will be extra and will be announced soon.</b>								

## REGISTRATION CANCELLATION

Fee once paid will not be refunded, normally. In exceptional cases if the registrant is unable to attend the Symposium and claims refund by 22nd August 2024, fee will be refunded after deducting a service charge of 30%+GST. After this date, no request for refund will be entertained.

## SPONSORSHIP FEE

The Symposium will provide excellent opportunities to national and international organizations; central/ state government organizations, public sector undertakings, industrial organizations, equipment manufacturers, entrepreneurs, financial and funding institutions, consulting organizations and construction organizations to publicize themselves by being a Platinum / Golden / Silver sponsors or Supporter of the Symposium. The sponsorship fees payable and benefits are mentioned below. Interested organizations may communicate their willingness to Symposium Secretariat.

Sponsorship Category	Amount	Previlages
<b>Platinum Sponsor</b>	USD 15,000 Rs. 10,00,000	<ul style="list-style-type: none"> <li>• Full registration for ten delegates</li> <li>• Company name and logo on Symposium Web Page (linked to the company website), proceedings, banner/ signage, stationary items etc.</li> <li>• A full page advertisement in the Souvenir,</li> <li>• Distribution of Literature/Brochures,</li> <li>• One Exhibition Stall of 3m×2m.</li> </ul>
<b>Golden Sponsor</b>	USD 8,000 Rs. 5,00,000	<ul style="list-style-type: none"> <li>• Full registration for five delegates</li> <li>• Company name and logo on Symposium, Web Page (linked to the company website) promotion material like proceedings volume, banner/ signage, stationary items etc.</li> <li>• A full page advertisement in the Souvenir</li> <li>• Distribution of Literature/Brochures</li> <li>• One Exhibition Stall of 3m×2m</li> </ul>
<b>Silver Sponsor</b>	USD 4,000 Rs. 2,00,000	<ul style="list-style-type: none"> <li>• Full registration for three delegates</li> <li>• Company name and logo on Symposium proceedings volume, banner/signage, stationary items etc.</li> <li>• A full page advertisement in the Souvenir</li> <li>• Distribution of Literature/Brochures</li> </ul>
<b>Supporter</b>	USD 2,000 Rs. 1,00,000	<ul style="list-style-type: none"> <li>• Full registration for two delegates</li> <li>• Company name and logo on Symposium proceedings volume, banner/signage, stationary items etc.</li> <li>• A full page advertisement in the Souvenir</li> </ul>

As per Gol Rule - \*18% GST under Reverse charge Mechanism

## IMPORTANT DATES

Abstract Submission Deadline	-	15 <sup>th</sup> January 2024
Notification of Abstract Acceptance	-	15 <sup>th</sup> February 2024
Deadline for Full paper submissions	-	30 <sup>th</sup> April 2024
Notification of Review for Full paper submissions	-	30 <sup>th</sup> May 2024
Camera ready paper submissions	-	14 <sup>th</sup> June 2024
Deadline for Early-Bird Registration	-	14 <sup>th</sup> June 2024

## EXHIBITION FEE

An exhibition is planned as a technology showcase to meet the challenges of 21st century in the field of rock engineering related to water & energy resources, mining and underground works. The strategic location of this event in India which is the largest democracy and the fifth largest economy in the world, will be a key factor for the exhibitors who are looking for a gateway to this region with a great potential. In total 29 stalls, each of size 3m x 2m, are planned during the Exhibition.

The tariff for the exhibition stall of 3 m x 2 m size is as under:

Exhibitors from India	Exhibitors from other countries	Facilities
Rs. 2,00,000/-*	USD 4,000*	Fascia 1; Chair 2; Table 1; Spotlight 3; 5, 15 Amp. Socket 1; Waste Basket 1;

**As per Gol Rule - \*GST @ 18% shall be charged extra.**

One free nomination will be allowed to the exhibitor for participation in the conference. For additional nominations, registration fee shall be payable. The layout plans of the exhibition will be given in the symposium website.

## PAYMENTS

All payments except hotel advance and tours, shall be made by the following methods:

### Bank Transfer

The payments for the event including registration fee, sponsorship, space booking for exhibitor, etc. can be made to ARMS13 in USD/INR by Credit card (VISA, Master Card or American Express) through website: <https://arms2024.org>

<b>Name of Bank</b>	Canara Bank
<b>Address</b>	Delhi Diplomatic Enclave, 7/48, Malcha Marg, Chanakyapuri, New Delhi 110 021
<b>Account No.</b>	0157101031512
<b>MICR Code No.</b>	110015007
<b>Account Holder's Name</b>	THE COMMITTEE OF THE ISRM
<b>IFSC Code</b>	CNRB0000157
<b>Swift Code</b>	CNRBINBDFS

## GENERAL INFORMATION

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Symposium Website: <https://arms2024.org>

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