

## General Programme

**Sunday, 22<sup>th</sup> September, 2024**

09:00 to 18:00

**GOVERNOR ROOM**

### **ISRM Board Meeting**

*ISRM Board*

*(20-22 persons)*

19:30 to 21:00

**SOCIAL EVENT**

### **Dinner of ISRM Board**

*ISRM Board*

**SC-1**

09:00 to 18:00

**ROYAL BALL ROOM -1 HALL**

### **Numerical Analysis with FLAC2D/FLAC3D (Full day):**

*Rockmech IT Solutions Private Limited*

*(75-100 persons)*

**WS-1**

09:00 to 18:00

**ROYAL BALL ROOM -2 HALL**

### **Smart Mining and Rock Engineering (Full day)**

*Prof. Dheeraj Kumar, Dy. Director, IIT (ISM) Dhanbad, India*

*Prof. Debasis Deb, IIT Kharagpur, India*

*(75-100 persons)*

**WS-2**

09:00 to 18:00

**VICEROY HALL**

### **Rock Grouting (Full Day)**

*Dr. Mohamed El Tani < info@rockgro.com >*

*Hydrogeology and grouting (A. Fransson);*

*Selecting grouting pressure (M. Akx);*

*Refusal and the minimal flow criterion (M. El Tani)*

*(40-45 persons)*

**WS-3**

09:00 to 18:00

**LUTYENS HALL**

### **Integrating Rock Mass Classification Techniques and Tunnelling Technology (Full Day)**

*Dr. Bineshian Hoss, South Australia, Australia*

*(45-55 persons)*

10:30 to 11:00

### **High Tea Break**

*For all*

13:00 to 14:00

### **Lunch Break**

*For all*

15:30 to 16:00

### **Tea Break**

*For all*

**Monday, 23<sup>rd</sup> September, 2024**

14:00 to 18:00

**ROYAL BALL ROOM -3 HALL**

### **Council Meeting**

*ISRM NG MEMBERS*

*(75-100 persons)*

08:30 to 18:00

GOVERNOR HALL

### Commission Meeting

*Bio-Rock Mechanics*

*Crustal Stress and Earthquake*

*Discontinuous Deformation Analysis – DDA (Tentative)*

*Rock Grouting*

*Testing Methods*

(20-22 persons)

WS-4

09:00 to 18:00

ROYAL BALL ROOM -2 HALL

### Rockfall Protection and Landslide Stabilization Solutions Integrated With IOT Technology (Full day)

*Maccaferri Environmental Solutions Pvt. Ltd.*

(75-100 persons)

SC-2

09:00 to 18:00

ROYAL BALL ROOM -1 HALL

### Rock Mechanics in Tunnelling Techniques (Full day):

*Prof. Debasis Deb, IIT Kharagpur, India*

*Prof. VMSR Murthy, IIT (ISM) Dhanbad, India*

(75-100 persons)

SC-3

09:00 to 18:00

VICEROY HALL

### Enhancing Tunnelling and Rock Slope Engineering with Rocscience Software Tools

*Dr Manoj Verman, Rocscience Representative, South Asia*

10:30 to 11:00

High Tea Break

*For all*

13:00 to 14:00

Lunch Break

*For all*

15:30 to 16:00

High Tea Break

*For all*

**Tuesday, 24<sup>th</sup> September, 2024**

08:30 to 09:00

SYMPOSIUM

### REGISTRATION

*Open to all*

9:00-10:30

RBR

### Symposium Opening and Inaugural Ceremony

*Open to all*

(300-400 persons)

10:30 to 11:00

High-Tea

*Open to all*

11:00 to 11:45

RBR

### Rocha Medal Award Ceremony

*Open to all*

11:45 to 12:30

RBR

### Franklin Lecture

*Open to all*

12:30-13:15

RBR

**Eda Quadros" Special session: NG Presentations**

*Open to all*

13:15-14:15

**Lunch**

*Open to all*

14:30-15:45

ROYAL BALL ROOM -1 HALL

**Technical Session 1A**

**Theme-B1**

Analytical, Numerical and Constitutive Modelling

*(75-100 persons)*

14:30-15:45

ROYAL BALL ROOM -2 HALL

**Technical Session 1B**

**Theme-C1**

Advancement in Laboratory Testing Techniques

*(75-100 persons)*

14:30-15:45

ROYAL BALL ROOM -3 HALL

**Technical Session 1C**

**Theme-D1**

Drilling, Blasting and Slope Stability

*(75-100 persons)*

14:30-15:45

VICEROY HALL

**Technical Session 1D**

**Theme- E**

Rock Supports and Instrumentations

*(40-50 persons)*

14:30-15:45

GOVERNOR HALL

**Early Career Forum**

*(20-30 persons)*

15:45-16:15

**Tea Break**

*Open to all*

16:15-18:00

ROYAL BALL ROOM -1 HALL

**Technical Session 2A**

**Theme-A1**

Site Investigations and Characterization of Rocks & Rock Masses

*(75-100 persons)*

16:15-18:00

ROYAL BALL ROOM -2 HALL

**Technical Session 2B**

**Theme-C2**

Advancement in Laboratory Testing Techniques

*(75-100 persons)*

16:15-18:00

ROYAL BALL ROOM -3 HALL

**Technical Session 2C**

**Rock Bowl Event**

*(75-100 persons)*

16:15-18:00

VICEROY HALL

**Technical Session 2D**

**Theme-F**

Tunneling, Underground Space and Storage

*(40-50 persons)*

16:15-18:00

**Early Career Forum**

GOVERNOR HALL

	<i>(20-30 persons)</i>
14:30 to 18:00 <b>Poster Session</b>	<b>LUTYENS HALL</b>
18:00 to 20:00 <b>Welcome Reception and Student's night</b>	<b>RBR</b>

## Wednesday, 25<sup>th</sup> September, 2024

<b>Plenary Session-1 RBR</b>	
9:00-9:30 <b>Key Note -1</b>	
9:30-10:00 <b>Key Note -2</b>	
10:00-10:30 <b>Corporate Presentation</b>	
	10:30-11:00 <b>Tea Break</b> <i>Open to all</i>
<b>Plenary Session-2 RBR</b>	
11:00-11:30 <b>Key Note -3</b>	
11:30-12:00 <b>Key Note -4</b>	
12:00-12:30 <b>Corporate Presentation</b>	
12:30-13:00 <b>Networking</b>	
	13:00-14:00 <b>Lunch</b> <i>Open to all</i>
14:00-15:45 <b>Technical Session 3A</b> <b>Theme-B2</b> Analytical, Numerical and Constitutive Modelling	<b>ROYAL BALL ROOM -1 HALL</b>  <i>(75-100 persons)</i>
14:00-15:45 <b>Technical Session 3B</b> <b>Theme-C3</b> Advancement in Laboratory Testing Techniques	<b>ROYAL BALL ROOM -2 HALL</b>  <i>(75-100 persons)</i>
14:00-15:45 <b>Technical Session 3C</b> <b>Theme-D2</b> Drilling, Blasting and Slope Stability	<b>ROYAL BALL ROOM -3 HALL</b>  <i>(75-100 persons)</i>
14:00-15:45 <b>Technical Session 3D</b> <b>Theme-H</b> Monitoring and Applications of SMART devices	<b>VICEROY HALL</b>  <i>(40-50 persons)</i>

15:45-16:15	<b>Tea Break</b> <i>Open to all</i>	
16:15-18:00	<b>Technical Session 4A</b> <b>Theme-A2</b> Site Investigations and Characterization of Rocks & Rock Masses <i>(75-100 persons)</i>	<b>ROYAL BALL ROOM -1 HALL</b>
16:15-18:00	<b>Technical Session 4B</b> <b>Theme-G</b> Deep Underground Mining Method <i>(75-100 persons)</i>	<b>ROYAL BALL ROOM -2 HALL</b>
16:15-18:00	<b>Technical Session 4C</b> <b>Rock Bowl Event</b> <i>(75-100 persons)</i>	<b>ROYAL BALL ROOM -3 HALL</b>
16:15-18:00	<b>Technical Session 4D</b> <b>Theme-J1</b> Case Studies in Rock Engineering Projects <i>(40-50 persons)</i>	<b>VICEROY HALL</b>
14:00 to 18:00	<b>Poster Session</b>	<b>LUTYENS HALL</b>
18:45 to 22:00	<b>Cultural program / Awards/ Rock Bowl Prizes/ Banquet</b>	

**Thursday, 26<sup>th</sup> September, 2024**

<b>Plenary Session-3 RBR</b>	
9:00-9:30	<b>Key Note -5</b> <i>Open to all</i>
9:30-10:00	<b>Key Note -6</b> <i>Open to all</i>
10:00-10:30	<b>Corporate Presentation</b>
10:30-11:00	<b>Tea Break</b> <i>Open to all</i>
<b>Plenary Session-4 RBR</b>	
11:00-11:30	<b>Key Note -7</b>
11:30-12:00	<b>Key Note -8</b>
12:00-12:30	<b>Key Note -9</b>
12:30-13:00	<b>Corporate Presentation</b>

13:00-14:00

**Lunch**

*Open to all*

14:00-15:45

**Technical Session 5A**

**Theme-B3**

Analytical, Numerical and Constitutive Modelling

*(75-100 persons)*

**ROYAL BALL ROOM -1 HALL**

14:00-15:45

**Technical Session 5B**

**Theme-C4**

Advancement in Laboratory Testing Techniques

*(75-100 persons)*

**ROYAL BALL ROOM -2 HALL**

14:00-15:45

**Technical Session 5C**

**Theme-I**

Geo-hazards, Risk Management and Sustainability

*(75-100 persons)*

**ROYAL BALL ROOM -3 HALL**

14:00-15:45

**Technical Session 5D**

**Theme- J2**

Case Studies in Rock Engineering Projects

*(40-50 persons)*

**VICEROY HALL**

14:00-15:45

**Poster Session**

**LUTYENS HALL**

15:45-16:15

**Valedictory**

16:15-17:00

**High Tea**

**Friday, 27<sup>th</sup> September, 2024**

**TECHNICAL VISIT**

0900-1300

**TECHNICAL VISIT**

DMRC Chhatarpur Mandir Site

13:00-14:00

**Lunch**

14:00-1700

**DELHI DARSHAN**

Qutub Minar, Lal Qila and other places