

12th Asian Rock Mechanics Symposium -ARMS12th ISRM sponsored Regional Symposium

23-24 Nov., 2022
Hanoi, Vietnam

| | | Time | Chi Lang Pass Room Hall | Dien Bien Phu Room Hall | |
|---|---|-------------|--|--|-----------------------------|
| WED 23/11/2022 | | From | | | |
| | | To | | | |
| | | 7:30 | 9:00 | Registration | |
| | | 9:00 | 9:30 | Opening Ceremony | |
| | | | | Chairpersons | Resat Ulusay |
| | | | | Chairpersons | Do Nhu Trang |
| | | | | Keynote Lectures | |
| | | | | Chairpersons | Pinnaduwa H.S.W. Kulatilake |
| | | | | Chairpersons | Do Nhu Trang |
| | | 9:30 | 10:10 | ARMS12-No. A57 | ARMS12-No. A57 |
| | | | | Rock characterization, testing and future trends: Highlighting the ISRM Suggested Methods | |
| | | | | Resat Ulusay | |
| | | 10:10 | 10:40 | Tea Break + Group Photo | |
| | | 10:40 | 11:20 | ARMS12-No. A54 | ARMS12-No. A54 |
| | | | | Advances in Rock Excavation Technology | |
| | | 11:20 | 12:00 | ARMS12-No. A58 | ARMS12-No. A58 |
| | | | | Missions of Rock Mechanics: Material Innovation to Engineering Revolution | |
| | | 12:00 | 13:00 | Luncheon | |
| | | | | Session 02 | Session 03 |
| | | | | Chairpersons | |
| | | | | Resat Ulusay | Vu Cao Minh |
| | | 13:30 | 13:48 | ARMS12-No. A03 | ARMS12-No. A03 |
| | | | | | ARMS12-No. A49 |
| | | | | ARMS12-No. A49 | |
| | | | Rehabilitating and strengthening a leaked underground penstock using permanent strand ground anchors at a hydropower plant in Laos | | |
| | 13:48 | 14:06 | ARMS12-No. A23 | ARMS12-No. A23 | |
| | | | Le thi Minh Giang | | |
| | | | A study of modeling damage zone around tunnel excavation by DEAL.II | | |
| | 14:06 | 14:24 | ARMS12-No. A34 | ARMS12-No. A34 | |
| | | | Combining Empirical and Numerical Approaches for Design of Tunnels using the Norwegian Method Tunnelling (NMT) | | |
| | 14:24 | 14:42 | ARMS12-No. A42 | ARMS12-No. A42 | |
| | | | | ARMS12-No. A43 | |
| | | | Underground solution for Su-Pan 1 hydropower project in Vietnam | | |
| | 14:42 | 15:00 | ARMS12-No. A50 | ARMS12-No. A50 | |
| | | | Effect of Stiffness Ratio on Rock Fragmentation Induced by Blasting | | |
| | 15:00 | 15:30 | Tea Break | | |
| | | | Session 04 | Session 05 | |
| | | | Chairpersons | | |
| | | | Mahendra Singh | Ha Ngoc Anh | |
| | 15:30 | 15:48 | ARMS12-No. A25 | ARMS12-No. A25 | |
| | | | | ARMS12-No. A19 | |
| | | | | ARMS12-No. A19 | |
| | | | Experimental procedures to determine porosity-height relationship of mine overburden dump | | |
| | 15:48 | 16:06 | ARMS12-No. A29 | ARMS12-No. A29 | |
| | | | | ARMS12-No. A33 | |
| | | | | ARMS12-No. A33 | |
| | | | Potential of CMC to increase the stability of shale at a slope | | |
| | 16:06 | 16:24 | ARMS12-No. A35 | ARMS12-No. A35 | |
| | | | | ARMS12-No. A39 | |
| | | | | ARMS12-No. A39 | |
| | | | Method of forecasting land subsidence in the karst area; a case study at the section km55+660 - km55+690 of north-south vietnam expressway | | |
| | 16:24 | 16:42 | ARMS12-No. A37 | ARMS12-No. A37 | |
| | | | | ARMS12-No. A51 | |
| | | | | ARMS12-No. A51 | |
| | | | Experimental study of rock breaking effect of long cylindrical charge in infinite environment | | |
| | 16:42 | 17:00 | ARMS12-No. A41 | ARMS12-No. A41 | |
| | | | | ARMS12-No. A52 | |
| | | | | ARMS12-No. A52 | |
| | | | Slope stabilization of layered soft rock for cutting highway roadbed construction in Vietnam: A case study at the central main road of Cao Bang city | | |
| | 17:00 | 17:18 | Crown pillar design in the transition from open pit to underground in Narynsukhait (NS) coal mine, Mongolia | | |
| | | | | ARMS12-No. A56 | |
| | | | | ARMS12-No. A56 | |
| | | | The main characteristics of the large landslide in the northern mountainous region of Vietnam | | |
| | 18:00 | 19:00 | Welcome Reception | | |
| THU 24/11/2022 | | | Keynote Lectures | | |
| | | | Chairpersons | | |
| | | 8:30 | 9:10 | ARMS12-No. A53 | ARMS12-No. A53 |
| | | | | Geomechanics Risk Management System in Indonesian Mining Operation | |
| | | 9:10 | 9:50 | ARMS12-No. A55 | ARMS12-No. A55 |
| | | | | A Case Study on Stability and Rock Support Assessment for a Complex Underground Mine in the USA | |
| | | 9:50 | 10:05 | Tea Break | |
| | | | | Session 06 | Session 07 |
| | | | | Chairpersons | |
| | | | | Murat Karakus | Nguyen Thanh Tung |
| | | 10:05 | 10:23 | ARMS12-No. A45 | ARMS12-No. A45 |
| | | | | | ARMS12-No. A26 |
| | | | | | ARMS12-No. A26 |
| | | | | Numerical Study on the Effect of Shockwaves used for Percussive Drilling | |
| | | 10:23 | 10:41 | ARMS12-No. A46 | ARMS12-No. A46 |
| | | | | | ARMS12-No. A38 |
| | | | | | ARMS12-No. A38 |
| | | | | Numerical Simulation of Rock Cutting Mechanism of Tunnel Boring Machine using RHT material model | |
| | | 10:41 | 10:59 | ARMS12-No. A47 | ARMS12-No. A47 |
| | | | | | ARMS12-No. A10 |
| | | | | | ARMS12-No. A10 |
| | | | | A study on Tailings Storage Facility (TSF) management system using ICT based monitoring and numerical simulation | |
| | | 10:59 | 11:17 | ARMS12-No. A48 | ARMS12-No. A48 |
| | | | | ARMS12-No. A44 | |
| | | | | ARMS12-No. A44 | |
| | | | An analysis load-transfer due to blasting to the adjacent tunnel - a case study in Ca Road tunnel project | | |
| | 11:17 | 11:35 | EOR methods suggestion for lower miocene reservoirs in Vietnam | | |
| | | | | ARMS12-No. A59 | |
| | | | | ARMS12-No. A59 | |
| | | | Numerical simulations of SHPB tests on Rewa shale | | |
| | 11:35 | 12:05 | Closing Ceremony | | |
| | | | Chairpersons | | |
| | | | Suseno Kramadibrata | | |
| | 12:05 | 13:35 | Banquet | | |
| | | | Chairpersons | | |
| | | | Resat Ulusay | | |
| | 14:00 | 15:30 | Asian Council Meeting | | |
| | | | Chairpersons | | |
| | | | Resat Ulusay | | |
| | | | Suseno Kramadibrata | | |
| | 15:45 | 18:15 | Hanoi City Tour | | |
| FR & SATI 25 & 26 /11/2022 | Ha Long Bay, Lan Ha Bay, CRUISE 2 DAYS/ 1 NIGHT | | | | |
| | DAY 1: TUAN CHAU PORT - HALONG BAY – LAN HA BAY (Lunch , Dinner) | | | | |
| | 08:00: Bus picks you up at your hotel | | | | |
| | 12:00: The crew members of Cruise will welcome you at Tuan Chau International Marina Station. | | | | |
| | 12:30: You will be taken aboard our support vessel and travel from the wharf via the bay to board our luxurious craft. Welcome fresh drinks, cold towels and a special lunch of fresh food and an assortment of appetizing delicacies will be served. You will be enchanted when decadently dining on our luxury junk. Life just doesn't get better than this! We then set sail for Lan Ha Bay - A member of the World's Most Beautiful Bays. | | | | |
| | 15:30: We will visit the Dark and Bright Cave - famous for the pristine natural beauty and poetic, attractive seascape of Lan Ha Bay. Here you will take some photos of the romantic, lyrical local see-sights. This is also the best time for tourists to enjoy bamboo boat and swimming - which is an interesting activity to discover the truest beauty of the limestone mountains and the blue sky of LanHa Bay. Afterwards, visitors immerse in the emerald green water of LanHa Bay with exciting swimming activities | | | | |
| | 17:30: Return to Cruise. Enjoy sunset party on Lan Ha Bay. It is an ideal time for photography enthusiasts to capture the stunning moment of sunset at Lan Ha Bay. | | | | |
| | 19:30: Enjoy a romantic dinner at the restaurant on cruise | | | | |
| | 21:00-00:00: Enjoy the nightlife of the bay from the top deck. Immerse yourself in music, enjoying a glass of cocktail from the bar, watching famous films and relaxing on the cruise. Otherwise, you can fish squid with the sailors or simply relax in the room and watch the bay from the balcony. | | | | |
| | Overnight on the cruise. | | | | |
| DAY 2: LAN HA BAY – TUAN CHAU PORT (Breakfast and Brunch) | | | | | |
| 6:30-7:30: Breakfast is served at Cruise restaurant. | | | | | |
| 8:00: Cruise will arrival Frog Pond area, in here you have kayaking and free to relax in the four- season mini pool on Lan Ha Bay - A silk ribbon made from green mountains, blue seas and diverse fauna and flora. | | | | | |
| 9:30: Checking out of the room. Then the lunch in the restaurant is ready for you, pay the extra fee (if any) | | | | | |
| 11:00: Return to the pier then take a bus back to Hanoi. | | | | | |