**TENTATIVE CONFERENCE PROGRAMME**

 *Southeast Asian Conference and Exhibition on Tunneling and Underground Space, 2024 (SEACETUS2024),*

 Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia, 5 - 7 March 2024

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| **MONDAY, 4 MARCH 2024** **DAY 1** |
| 07:00 - 23:59 | Setting-up of Exhibition Booths |
| 16:00 - 18:00 | Registration |
| **TUESDAY, 5 MARCH 2024****DAY 2** |
| 08:00 – 09:00 | Registration |
| 09:00 - 09:30 | **OPENING CEREMONY**1. Opening Speech by Organising Chairman, Ir. Dr Ooi Teik Aun
2. Welcoming Speech by IEM President, Ir. Prof. Dr Norlida binti Buniyamin
3. Speech by ITA President, Mr. Arnold Dix, President (2022-2025)
4. Speech & Opening of the Conference by Minister of Works (MoW),

YB Dato Sri Alexander Nanta Lin1. Ir Ong Sang Woh – Co Organising Committee Chairman (seated on stage)
 |
| 09:30 - 10:30 | **OPENING KEYNOTE ADDRESS** *1*by ITA President, Mr. Arnold Dix, President (2022-2025)  Title and paper to come by 30 October 2023 |
| 10:30-11:00 | ***Tour to the Exhibition Area and Press Conference etc*** |
| 10:30-11:00 | ***Morning Coffee / Tea Break*** |
| 11:00 11:45  | **KEYNOTE ADDRESS**  *2 (Virtual presentation)*by Prof. Jinxiu (Jenny) Yan, Past-President (2022-2025), Tutor WG 12, Correspondent WTC2024. Title and paper to come by 30 October 2023 |
| 11:45 – 12:30 | **KEYNOTE LECTURE 1:** Applications of 3D Geological Model for Underground Construction.Prof. Dr Chu-Jian (Singapore) (**021-020) camera ready paper received** |
| 12:30 – 13:15  | **KEYNOTE LECTURE 2:** Multiple Tunnel Interactions with Different Skew Angles in Layered Soil Strataby Prof. Charles W.W. Ng (Hong Kong, China) (confirmed) no abstract  |
| 13:15 - 14:00 | ***Lunch*** |
| 14.00 – 14.45 | **KEYNOTE LECTURE 3:** Risk Management in the Procurement Process for Major Underground Infrastructure Works by Er. Poh Seng Tiok (Singapore) (Confirmed) no abstract  |
| 14:45 – 15:15 | SPECIAL LECTURE 1: Design and Construction of the 48-km-long Water Transfer Tunnel in Thailand by Prof. Noppadol Phien-wei (Thailand) (030-031) waiting for camera ready paper  |
| 15:15 – 15:45 | **SPECIAL LECTURE 2**: Key Impacts on Wall Deflection in Deep Excavation in Sand and Visualized Risk Management for Underground Constructionby Dr Benson Hsiung (Chinese-Taipei) abstract received  |
| 15:45 - 16:00 | **Afternoon Coffee / Tea Break Due to time constrain giving only 15 minutes break** |
| **TUESDAY, 5 MARCH 2024****DAY 1** |
| 16:00 – 16:30 | **SPECIAL LECTURE 3:** Innovative Methods to Address Complex Geological Condition and Manmade Obstructions in KVMRTby Ir. Prof. Dr Lean Hock Ooi (Malaysia) abstract received **008-009** |
| **16:30 –18:00** | **Session A: Innovation & Technology - *Topics No: 1, 2 & 13*** |
|  | **Session Chairman: Ir. Dr Rini Asnida** |
| 16:30 – 16:45 |  | Paper 1: Underground Urban Storm Water Management Green, Eco Friendly Trenchless Technologyby Ir. Neo Boon Kheng abstract received **001-027** |
| 16:45 – 17:00 | **1** | Paper 2: Evolution of Rectangular Tunnelby Mr. Muhammad Yusoff Mohd Nasir (Malaysia) abstract received**011-011** |
| 17:00– 17:15 | **2** | Paper 3: Microtunneling Within Railway Protection Zone for Large Diameter Water Pipe in Klang Valleyby Farid Ahmad, Azilah Ismail and Farishya Kamaruzaman (Malaysia) Abstract received **022-022** |
| 17:15 – 17:30 |  | Paper 4: Comparison of Sequential Excavation Methods for Constructing Large Cross-Section Tunnel in Soft Ground (May Have to withdraw) Abstract receivedby Simon H. Prassetyo, R.K. Wattimena, E. Lim, A. Lim, F. Aditya, M.H. Fahrudinsyah, Jamaludin **009-018** |
| 17:30 - 18:00 |  | Questions and Answer Sessions |
|  |  | ***END OF DAY 1*** |
| 19:00 – 21:00 |  | Banquet  |
| **WEDNESDAY, 6 MARCH 2024****DAY 2** |
| 08:30 –09:15  | **KEYNOTE LECTURE 4:** Circular Economic Approach for Integrated Planning and Design of Coastal Protection Structures Abstract received by Er. David Ng Chew Chiat, Ar. Leong Tat Man (Singapore) **023-023** |
| 09:15- 10:00 | **KEYNOTE LECTURE 5** A Practical Application of the Key Principles of the FIDIC-ITA  Emerald Book Underground Worksby Mr. Martin Smith (Korea) full paper received **016-017** |
| 10:00 – 10:30 | **SPECIAL LECTURE** 4 Back Analysis And Its Importance In The Advance In The Geotechnical Design Of Excavations by Mr. John Davies (UK ) ) full paper received **016-017** **025-029** |
| 10:30 – 11:00 | ***Morning Coffee / Tea Break*** |
| **11:00 - 13:00** | **Session B: Constructions & Sustainability - *Topics No: 3, 4 & 10*** | **Session C: Maintenance & Management - *Topics No: 5, 6 & 11*** |
|  | **Session Chairman: Ir. Dr Ismacahyadi Bagus** | **Session Chairman: Ir. Yee Thien Seng**  |
| 11:00 – 11:15 | **4** | Paper 5: Numerical Analysis of Ground Settlement in Urban Tunnelling by Karthigeyan Ramanthan, Rini Asnida Abdullah, Afikah Rahim, Siti Norafida Jusoh, Khoo Chee Min, Mohmmad Amjad Faruq Mohammad Haniff and Simon Heru Prassetyo (Malaysia) **004-005** full paper received | **6** | Paper 11: Development of FBG Inclinometer for Ground Movement Monitoring Instrumentby Nabil Iman bin Farizul Hazli (Malaysia) abstract received **005-006****Withdraw paper** |
| 11:15 – 11:30 | **3** | Paper 6: Overview of Sustainable Use of Tunnels and Underground Space in Malaysiaby T. A. Ooi and C.M. Khoo (Malaysia)**003-004** |  | Paper 12: Effects of Train Movement in Underground Tunnel on the Building Stabilityby Salem Essameldin, Siti Norafida Jusoh, Khairun Nissa Mat Said and Rini Asnida Abdullah (Malaysia) 013-014 full paper received  |
| 11:30 – 11:45 | **4** | Paper 7~~:~~ Back Analysis of Ground Surface Settlement induced by EPB Tunnelling in Kenny Hill Formationby C.M. Khoo (Malaysia)Full paper received**003-003**  |  | Paper 13: Design and Construction Experience on MRT2 Cut and Cover MRT StationBy Ir. Gan Choon Hock (Malaysia) replaced Ir. Lim Pheik Ling Lim  |
| 11:45 – 12:00 | **3** | Paper 8: xxby Jeyatharan Kumarasamy (Singapore)  |  | Paper 14: Development Of Langat 2 Water Treatment Plant And Water Reticulation System In Selangor Darul Ehsan / Wilayah Persekutuan Kuala Lumpur: Pipe Jacking Works By Microtunnelling Method Crossing Besraya Highway, MRT, KTMB Track, ERL Track And North-South Highway, Kuala Lumpur – Line by Dato Danny Cheng Chin Keong (Malaysia) |
| 12:00 – 12:15 | **4** | Paper 9: Impact Assessment of Surrounding Structure Caused by The Installation of An Underground Water Pipe by Using Pipe Jacking Across an Expresswayby Mr Lee Long Guang, Prof Goh Siang Huat, Er Dr Victor Ong Chee Wee, Er David Ng Chew Chiat (Singapore) abstract received  **023-024** | **11** | Paper 15: Case Study on Inspection and Maintenance of Road Tunnel with Double Archby Chia-Han Lee (Taiwan)**015-016**  |
| 12:15 – 12:30 | **10** | Paper 10: Some Aspects of Tunnelling and Underground Space Development in Malaysiaby TA Ooi (Malaysia) **024-028** Full paper received |  | Paper 16: Geotechnical Failures of Tunneling in Fractured Rock Due to Existing Faults and Their Countermeasures, Case Study of Jatigede Dam Diversion Tunnelby Prof. Paulus Pramono Rahardjo (Indonesia) **(029-030)** Full paper received  |
| 12:30 – 13:00 |  | Questions and Answer Sessions |  | Questions and Answer Sessions |
| 13:00 - 14:00 | ***Lunch*** |
| 14:00 – 15:30 | **Session D: Project & Case Histories –** ***Topics No: 7, 12 & 14*** | **Session E: Ground Characteristic –** ***Topics No: 8 & 9*** |
|  | **Session Chairman: Ir. Khoo Chee Min** | **Session Chairman: Dr Siti Norafida bt Jusoh** |
| 14:00 – 14:15  | **14** | Paper 17: Seismic Risk and Geological Challenges for Railway Infrastructure: A Case Study of the Himalayan Tunnellingby Dr Abdullah Ansari (India)**010-010** |  | Paper 21 xxxxxby Ang Ming Huei / Neo BK (Malaysia) confirmed |
| 14:15 – 14:30 | **7** | Paper 18: Trial Blasting Evaluation for Jakarta-Bandung High Speed Railway Tunnel #7by Dr Simon Prassetyo (Indonesia)Ganda Marihot Simangunsong ; Ridho Kresna Wattimena ; Made Astawa Rai ; Teguh Purnama Sidiq ; Fariz Adity; Muhammad Hafid Fahrudinsyah;Jerry Dwifajar Prabowo Full paper received**009-013**  | **9** | Paper 22: Rock Mass Characterisation of Tunnel Face Using Image Analysis Techniqueby Mrs. Nursyahirah bt Mohd Saleh (Malaysia)**012-012**Full paper received |
| 14:30 – 14:45 | **10** | Paper 19: Case Study of Ground Stabilisation Analyses at Interface between Underground rail tunnel and existing DTSS by Mr. Kok De Sheng, Er David Ng Chew Chiat, Er Dr Victor Ong Chee Wee (Singapore) Abstract received **023-025** |  | Paper 23: Instrumentation and Monitoring for KVMRT Line 2 Tunnelling Works (Bandar Malaysia North Station to Chan Sow Lin Station) in Kuala LumpurBy Ir, Dr Tan Yean Chin, Chee-Leong Low, Chiew-Ling Tei and Kok-Loong Teh Abstract received **020-019** |
| 14:45 – 15:00 | **7** | Paper 20: Surface Settlement Caused by Pipe Jacking Works Crossing KL-Seremban Highwayby Nur Diana Natasya Razali (Malaysia) Full paper received**014-015** |  |   |
| 15:00 – 15:30 |  | Questions and Answer Sessions |  | Questions and Answer Sessions |
| 15:30 - 15:45 | ***Afternoon Coffee / Tea Break*** |
| 15:45 – 16:30 | **KEYNOTE LECTURE 6:** TBM Development and Innovation in Malaysia (revised the title to this as recorded as we do not want to use Gamuda name in paper)by YBhg Dato' Ir. Paul Ha Tiing Tai & Ir. Dr Ooi Lean Hock (Malaysia) abstract received **007-008** |
| 16:30 - 17:00 | **SPECIAL LECTURE 5:** xxxxxby Assoc. Prof. Dr Suttisak Soralump (Thailand). Confirm to give paper no title yet |
| 17:00 – 17:30 | **SPECIAL LECTURE 6:** xxxxxby Dr Manoj Verman (India) confirmed no abstract  |
| 17:30 - 18:00  | **SPECIAL LECTURE 7: Design and Construction of Embedded Earth-Retaining Walls****for Deep Excavation Works in Multi-layered Soil of Bangkok**by Mr. Zaw Zaw Aye (Thailand) Abstract received[**017-034**](https://submit.confbay.com/administrator/index.php?option=com_submit&task=edit&cid%5b%5d=95743) |
| 18:00 – 18:30 | **Closing Remark/Closing Ceremony by Organising Chairman** |
|  | ***END OF DAY 2*** |
| **THURSDAY, 7 MARCH 2024****SITE VISIT**  |
|  | East Coast Rail Link |  | Pahang Selangor Raw Water Transfer (PSRWT) Express Water Tunnel |
| 08:30 - 09:00 | Registration | 08:30 - 09:00 | Registration |
| 09:15 | Departure from KL Convention Centre | 09:15 | Departure from KL Convention Centre |
| 10:00 – 12:00 | At the Site | 10:00 – 12:00 | At the Site |
| 13:30 – 14:00 | Arrival at KL Convention Centre | 13:30 – 14:00 | Arrival at KL Convention Centre |
|  | ***END OF EVENT*** |  | ***END OF EVENT*** |