

April 10 th 2026	
08:00-09:00	REGISTRATION TO TUNIROCK2026
09:00	OPENING CEREMONY AND WELCOME ADDRESSES
09:30	KEYNOTE LECTURE 1: Rock Engineering for Carbon Neutrality <i>Prof Seokwon Jeon, South Korea - President of ISRM</i>
10 :00	KEYNOTE LECTURE 2 : Geomechanics of Wells in Salt Formations – From Laboratory Testing to Field Application <i>Prof Sergio da Fontoura, Brazil, Incoming President of ISRM</i>
10 :30	COFFEE BREAK
11:00-12:20	TECHNICAL SESSION 1 : ROCK MECHANICS IN CIVIL, MINING AND PETROLEUM ENGINEERING Chairmen : Prof Seokwon Jeon & Prof Tarek Kormi
11:00-11:20	Dominant rock properties affecting the specific cutting energy of igneous rocks exposed to microwaves <i>Sair Kahraman, Faraz S. Sarbangholi, Cemal Balci, Ramazan Comakli</i>
11:20-11:40	Fracture Propagation Behavior and Spatial Response Characteristics in Shale with Varying Bedding Orientations <i>Qinhong Hu, Xiao Yufeng, Zhang Tao, Wen Jiacheng, Liang Jingqi, Xiao Gaojie, Xiao Kunye, Liu Wenrui</i>
11:40-12:00	Excavation and support strategies for crushing chambers in shallow underground mines along Zimbabwe’s Great Dyke: Case studies <i>Munyaradzi Musembwa, Jonathan Jakata</i>
12:00-12:20	Integrated Structural and Sedimentological Study of the Marsouin-1 Well, Bir Allah Field, Coastal Basin, Mauritania <i>Bah Dahmane, Leila Aliouane, Adel Rigane, Aminetou Kebd, Sid-Ali Ouadfeul, Bassem Nabawy</i>
12 :20	SPONSOR PRESENTATION
12 :30	GROUP PHOTO
12 :30	LUNCH
14 :00	KEYNOTE LECTURE 3 : Influence of natural thermal cycles on rocks : in situ observations, laboratory measurements and modelling aspects <i>Prof Muriel Gasc-Barbier, ISRM Vice President for Europe</i>
14:30-16:00	TECHNICAL SESSION 2 :LABORATORY AND IN SITU TESTING Chairmen : Prof Sergio da Fontoura & Prof Karim Miled
14:30-14:50	Influence of structure on the mechanical properties of a highly porous pyroclastic rock <i>Paolo Tommasi, Tatiana Rotonda</i>
14:50-15:10	Effect of Crack Infiltration on Unsaturated Pavement Subgrades <i>Houcem Trabelsi, Abdelhafid Deham, Kamel Bezih</i>
15:10-15:30	Unconfined compression Behavior of Tunis Soft Clay Reinforced with Recycled Plastic Waste Grains <i>Aya Rezgui, Hatem Karoui</i>
15:30-15:50	Determination of anisotropic elastic parameters from biaxial mechanical testing of hollow cores using the CSIRO Hi cell <i>Abdelmonem Ben Ouanas, Yann Gunzburger, Franz Lahaie</i>
15:50-16:10	Formulation and characterization of a marble powder–based material intended for 3D printing <i>Habib Zargayouna, Essaieb Hamdi, Tarek Mabrouki</i>
16:10-16:30	Soil and Rubble as a Hybrid Sustainable Raw Material, A Genius Loci Experience in Gaza Strip <i>Heba Wafi, Faten Hussein</i>
16:30-16:40	SPONSOR PRESENTATION
16 :40-17:10	COFFEE BREAK
17:10	TECHNICAL SESSION 3 : SITE INVESTIGATION TECHNOLOGY Chairmen: Prof Muriel Gasc-Barbier & Prof Fetheddine Melki

SPONSOR EXHIBITION

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17:10-17:30	Modern rockfall mitigation solutions: design principles, testing standards, and performance considerations <i>Puthiya Veettil Jayakrishnan, Luca Gobbin, Leonardo Martino</i>
17:30-17:50	Investigation of the cause of mechanical end-anchored roof bolt failure during the installation process <i>Jonathan Jakata, Richard Masethe</i>
17:50-18:10	Comparative Study and Design Optimization of Breakwaters: Loose vs. Bonded Rock Armor (A Case Study of the Rejiche-Salakta Coastline) <i>Nehed Klai, Sihem Louati, Essaieb Hamdi</i>
20 :00	GALA DINNER

April 11 th 2026	
09:00	KEYNOTE LECTURE 4 : Current Status of Rock Mass Strength Prof Pinnaduwa Kulatilake, Emeritus Professor, University of Arizona, USA; Professor of Civil Engineering, Christian Brothers University, USA
09:30-10:40	TECHNICAL SESSION 4 : RISKS AND HAZARDS Chairmen : Prof Qinhong Hu and Prof Amjad Kallel
09:30-09:50	Injection-Extraction Pressure Determining the Performance of CO ₂ Geo-Sequestration and Gas Recovery from Coal Measure Strata with Superimposed Multi-lithology <i>Li Li, Jun Liu</i>
09:50-10:10	Stabilization and Protection of Slopes against Rockfalls and Erosion: A Case Study of the RN1-A1 Link in Tunisia <i>Salma Souissi, Chahrazed Ounelly, Karim Elleuch</i>
10:10-10:30	Risk-Based Geomechanical Operating Envelope for CO ₂ Storage in the El Garia Formation Using a Verified Multi-Fidelity Simulation-Surrogate Workflow <i>Kais Ben Abdallah, Safa Mhadhbi, Essaieb Hamdi</i>
10:30-10:50	Slope Stability Prediction using Physics-Informed Artificial Neural Networks and Finite Element Limit Analysis <i>Mawaheb Msaada, Sourour Ferjani, Tarek Kormi, Belgcem Jellali</i>
10:50-11:20	COFFEE BREAK
11:20-12:20	TECHNICAL SESSION 5 : RISKS AND HAZARDS Prof Rick Chalaturnyk and Prof Jamel Neji
11:20-11:40	Geotechnical Adaptation to Climate Change: An Unsaturated Perspective <i>Fatma Louati, Houcem Trabelsi, Mehrez Jamei, Hatem Zenzri</i>
11:40-12:00	Parametric analysis of slope stability considering the influence of soil cohesion and friction angle <i>Jamel Kammoun, Mounir Bouassida</i>
12:00-12:20	Structural and petroleum system evaluation of the Sidi El Heni onshore offshore domain (Eastern Tunisia) using integrated seismic interpretation <i>Ali Hayouni, Mouna Mekni, Kais Aridhi, Fetheddine Melki</i>
12:20	SPONSOR PRESENTATION
12:30-14:00	LUNCH
14 :00	KEYNOTE LECTURE 5 : Factor of Safety for Caprock Integrity in Subsurface Energy Projects <i>Prof Rick Chalaturnyk, Professor at University of Alberta</i>
14:30-16:30	TECHNICAL SESSION 6 : ANALYTICAL AND NUMERICAL MODELING OF ROCK MECHANICS PROBLEMS Chaimen : Prof Pinnaduwa Kulatilake & Prof Mounir Bouassida
14:30-14:50	Characterization of Joint Sets and Their Influence on Seismic Hazard at the West Rand Gold Mine <i>Richard Masethe</i>
14:50-15:10	Coupled Structural–Petrophysical Characterization of the Fractured Chinguetti Field: Controls on Reservoir Compartmentalization and Connectivity <i>Dahmane Bah, Leila Aliouane, Aminetou Kebd, Adel Rigane</i>
15:10-15:30	Advanced Numerical Simulation of Connected Desiccation Crack Networks: A Hybrid FEM-MPM Coupling Approach

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	<i>Salma Souissi, Houcem Trabelsi</i>
15:30-15:50	Advancing Desiccation Crack Modeling in Clayey Soils: A Hybrid FEM-IAT Iterative Approach <i>Salma Souissi, Houcem Trabelsi</i>
15:50-16:10	Multi-method slope stability analysis for quarry rehabilitation: case study of the SOROUBAT quarry (Jebel El Oust, Tunisia) <i>Seif Eddine El Ibrahimy, Soumaya Ben Fredj, Fetheddine Melki, Kamaldeen O.L Omosanya, Kamel Jeridi</i>
16:10-16:30	Laboratory and numerical assessment of marly soil embankment stabilization using lime, cement, and industrial waste powder <i>Ghada Snoussi, Essaieb Hamdi, Raoudha Sassi, Alexandra Bourdot</i>
16 :30	SPONSOR PRESENTATION
16:40	COFFEE BREAK
17:00-17:50	TECHNICAL SESSION 7 : RISKS AND HAZARDS Chairmen : Prof Jun Liu & Prof Houcem Trabelsi
17:00-17:20	Analysis of Rockfall Hazard on the Bouargoub Rock Slope <i>Sihem Louati, Mounir Bouassida, Karim Elleuch</i>
17:20-17:40	The potential aggravating factors in rock slope instability: Insights into parallel joint effect on fractured rocky hills, Yaounde, Cameroon <i>Roger Bissaya, Bernard Njom, Robert Eko Medjo, Richard Tanwi Ghogomu, Mero Yannah</i>
17:40-18:00	Geomorphological, hydrogeological and geotechnical characteristics of the El Kherba large, deep-seated landslide induced by the August 7th, 2020 (Mw 4.9) earthquake in the city of Mila, northeast Algeria <i>Hamid Bourenane, Kahina Azoug</i>
18:00-18:20	Integrated Petrophysical, Acoustic, Electrical and Magnetic Fabric Analysis of the El Garia Carbonate Reservoir (Ypresian, Tunisia) <i>Nadhem Kassabi, Safa Mhadhbi, Kais Ben Abdallah, Béatriz Ménendez, Qinhong Hu, Essaieb Hamdi</i>
18:40	CLOSING CEREMONY
18:50	BEST PAPER AWARD