

8:45 - 9:15	Delegates registry
9:15 - 10:00	Open ceremony Maria João Viamonte (Presidente ISEP) José Manuel Sousa (Bastonário OET) Augusto Sequeira Correia (Presidente S.R. Norte OET) José A. Fernandes (Director DEG; General Chair 4GEO) Helder I. Chaminé (Director MEGG; Scientific Committee Chair)
10:00 - 11:00	Keynote 1: Luis Gonzalez de Vallejo (INVOLCAN & UCM, Spain) <u>Enabling territorial reconstruction following volcanic eruptions: engineering-geological solutions based on the 2021 La Palma thermo-geomechanical modelling</u>
11:00 - 11:30	Coffee break
11:30 - 13:00	Special Session 4GEO Eduardo Cruz (MOTA-ENGIL Global & LGMC ISEP) <u>Operational intelligence in mining operations management: contributions and challenges</u> Inês Guedes (EXPLONORTE & LABCARGA ISEP) <u>Optimization of particle size in rock mass blasting, with emphasis on drilling</u> Cleiton Moraes (ASCENDI) <u>Proposal for a global performance indicator for soil slopes in the ASCENDI network</u> Miguel Fernandez (BROWNFIELD ENGINEERING) <u>Assessment of soil contamination: integration of geostatistical methods for volumetric quantification</u> Luís Martins (CLUSTER PORTUGAL MINERAL RESOURCES) <u>Communication and Mineral Resources: Obstacles and Challenges</u>
13:00 - 14:30	Lunch break
14:30 - 14:50	Keynote 2: John Morris Pereira (Savannah Resources PLC) <u>Title to be defined</u>
14:50 - 15:10	Keynote 3: Paulo Pita (DGEG, Portugal) <u>Integrating artificial intelligence, GIS and mining information modelling for sustainable quarry management and regulatory modernization</u>
15:10 - 15:30	Keynote 4: Marco Rocha (Brownfield Engineering, Portugal) <u>Title to be defined</u>
15:30 - 16:00	Discussion
16:00 - 16:30	Coffee break
16:30 - 16:50	Keynote 5: Isabel Fernandes (FCUL, Portugal) <u>Are sulfides a problem in the construction industry?: A review</u>
16:50 - 17:10	Keynote 6: Ana Pires (INESC TEC, LSA, Portugal) <u>Lava tubes as natural laboratories for advancing geotechnologies and geoengineering studies: The lessons learned from CAMões Azores mission</u>
17:10 - 17:30	Discussion
17:30 - 17:45	Closing Ceremony
17:45 - 18:30	Port Wine Cheers