

Vietrock2015 Overall Program
International Symposium
Vietrock2015 an ISRM specialized conference

12-13 March, 2015

		Time					
		From	To				
Thursday	12-Mar-15	7:45	8:15	Registration			
		8:15	8:45	Opening Ceremony			
				Keynote Lectures			
				Chairpersons			
		8:45	9:15	S011			
		9:15	9:45	S012	Rock Displacement Monitoring using Satellite Technology-GNSS and InSAR"		
		9:45	10:15	S013	Understanding and utilizing in-situ rock stresses in design and building of underground caverns and tunnels"		
		10:15	10:30	Tea Break + Group Photo			
				Session 03	Development in Underground Hydrocarbon Storage- Shale gas		
				Chairpersons			
		10:30	11:00	S031	LPG UNDERGROUND STORAGE PROJECT (Y-2 PROJECT) UNDERNEATH AN ARTIFICIAL ISLAND IN INCHEON, KOREA		
		11:00	11:30	S032	Rock Mechanics for the stability of underground oil and gas storage caverns - Mechanical and hydrological aspect		
		11:30	12:00	S033	Lessons on the Hydrodynamic Containment Design and Construction of Oil Storage Cavern		
		12:00	12:30	S034	In-situ Volume Change Monitoring for Deep Underlay Strata with Fiber Optical Technology		
		12:30	13:30	Luncheon			
				Session 04	Rock properties and testing methods	Session 05	Tunnel and underground construction;
				Chairpersons		Chairpersons	
		13:30	13:45	S041	Definition of Rock Mass Properties by In Situ tests	S051	Rock engineering service for unlined hydropower tunnels in Vietnam
		13:45	14:00	S042	Geomechanical properties determination based on data obtained from in-seam boreholes logging	S052	Application of Continuous Maintenance Method for Aging Underground Powerhouse
		14:00	14:15	S043	Estimation of Fracture Toughness of Sandstone by Three Testing Methods	S053	Blasting in a Rail Protection Zone in Singapore
		14:15	14:30	S044	Upgrading the rock mechanics laboratory at the Nanyang Technological University, Singapore	S054	Analysis of microtunnelling using process simulation module
		14:30	14:45	S045	Consolidation of Crushed Salt backfill for Salt and Potash Mines	S055	Weak points must have been reformed in designing communication tunnels of Vietnam
		14:45	15:00	S046	Effects of Stress Path on Polyaxial Strengths of Maha Sarakham Salt	S056	Research on determination of optimal distance between two unsupported tunnels when consideration to shape changes
		15:00	15:30	Tea Break			
				Session 04	Rock properties and testing methods	Session 06	Rock slope stability
				Chairpersons		Chairpersons	
		15:30	15:45	S047	Experimental Assessment of Mechanical and Hydraulic Performance of Cement Sealing in Rock Salt	S061	Large-scale field tests with flexible slope stabilization systems
		15:45	16:00	S048	Shear Strength Testing under Constant Normal Load and Constant Normal Stiffness as Affected by Displacement Rates	S062	Analysis stability rock slope at left bank of South portal of North tunnel – Da Nang – Quang Ngai expressway
		16:00	16:15	S049	Strengths of Rock Fractures as Affected by Shear Velocities and Confinements	S063	Application of photogrammetry in measuring geologic structures and creating a 3D model on exposed rock faces
		16:15	16:30	S0410	Determination of the shear strength parameter of some rock types modeled by transversal anisotropic body	S064	The damage of the penstock of Xekaman 3 hydro power plant by sliding and its remedial measure for power generation.
16:30	16:45	S0411	Identify Driving Force to Cause Rockmass Destruction from Fracture Distributions	S065	Method of geometry analysis for calculating rock slope stability to deal with wedge sliding		
16:45	17:00	S0412	Some opinions about TCVN 7572-10:2006 " Method for determination of strength and softening coefficient of the original stone"				
17:30	19:30	Welcome Reception					
19:30	21:30	Night Tour in Hanoi Old Center					
Friday	13-Mar-15			Keynote Lectures			
				Chairpersons			
		8:30	9:00	S014	Some New Insights of Rock Failure under Dynamic Loading		
		9:00	9:30	S015	Experimental and Numerical Anisotropic Rock Mechanics		
		9:30	10:00	S016	In-situ rock stress and tunnel stability		
		10:00	10:30	S017	Analysis on geological condition of rock mass with Hoek–Brown strength criterion		
		10:30	11:00	Tea Break			
				Session 02	Geohazard – (Landslide and Debris Flows);		
				Chairpersons			
		11:00	11:30	S021	Delineate Structural Boundary from Fracture Correlation Coefficients		
		11:30	12:00	S022	Landslide susceptibility zonation - A comparison of natural and cut slopes using statistical models		
		12:00	12:30	S023	Foundation of choosing projects for defending and reinforcing slopes side massifs of loose rocks, but are combined by clayey materials		
		12:30	13:30	Luncheon			
				Session 07	Rock foundation and Rock dynamics;	Session 08	Rock properties: numerical simulations;
				Chairpersons		Chairpersons	

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	14:00	14:15	S071	Fundamental Study of Effect of Waste Rock Condition on Control of Acid Mine Drainage at Open Pit Coal Mine in Tropical Regions	S081	Takayuki MORI, Quoc Tuan PHAM, Seiji MORIKAWA, Kazuto Tabei	
	14:15	14:30	S072	Geotechnical Issues on Application of Highwall Mining System in Indonesia	S082	Z.Y. Zhao, Y.X. Zhou, W. Nie	
	14:30	14:45	S073	The Effectiveness assessment of On-Site Visualization and the application of various type of OSV on Hanoi Metro Line 2	S083	Yiming Xiang, Wanxue Long, Hai Shi	
	14:45	15:00	S074	In-Situ Rock Testing for the Design of the Lai Chau RCC Dam	S084	J.Q. Chen, H.H. Zhu, X.J. Li	
	15:00	15:30	Tea Break				
	15:30	15:45	S075	Study on High Pressure Impact Extrusion of the Foundation Curtain Deflection Core Fracture Zone of the Sluicing Dam Section	S085	Construction mechanical characteristics of shallow buried large span tunnel	
	15:45	16:00	S076	PREDICTION OF SURFACE SUBSIDENCE CAUSED BY UNDERGROUND MINING USING THE EXPONENTIAL FUNCTION	S086	Model Tests of Effect of In-situ Stress State on Progressive Failure Mechanisms of Tunnels	
	16:00	16:15	S077	Some solution handle swelling foundation when construction mining underground in conditions Quang Ninh geology	S087	Investigation of Failure Mechanism and Process on Excavation Disturbed Zone (EDZ) of Underground engineering in Rock	
	16:15	16:30	S078	BUILDING A SUBSIDENCE PREDICTION MODULE AND APPLYING FOR NAM DEO NAI WASTE DUMP	S088	THEORETICAL ANALYSIS OF DEFORMATION ABOVE ROADWAYS EXCAVATED IN THIN COAL SEAM AND ROCK STRATIFICATION	
	16:30	17:00	Closing Ceremony				
	17:00	20:00	Banquet				
	Saturday	14-Mar-15	Tour Halong Bay				
			7:30	11:30	Road trip by cars to Halong Bay		
11:30			16:30	Lunch on the boat & sightseeing Halong Bay when the boat is cruising			
16:30			20:30	Taking car back Hanoi.			
20:30			21:30	Dinner			