

JAYAKARTA HOTEL, BANDUNG – INDONESIA

Agenda Wednesday, 9 August 2023 (Day 1)

Time				
9:00	-	9:05	Opening by MC	
9:05	-	9:10	Welcome Addresses from the Head of the ICGERE 2023 Organizing Committee	
9:10	-	9:20	Welcome addresses from Dean of Faculty of Mining and Petroleum Engineering ITB and Opening Ceremony	
			Plenary Session	
9:20	-	9:50	Prof. Tutuka Ariadji	Moderator : Ivan Kurnia, Ph.D.
9:50	-	10:20	Coffee Break and Poster Session	
			Parallel Session	
			Room A (Geophysical Engineering - TG)	Room B (Petroleum Engineering - TM)
			Moderator : Ulvienin Harlianti, S.T., M.T.	Moderator : Dr. Ing. Calvin Lumban Gaol S.T., M.Sc.
10:20	-	10:40	Speaker TG: Adi Patria (Fault segmentation, seismicity, and deformation rate of the Matano fault, Sulawesi, Indonesia)	Speaker TM: Tomi Erfando (Simulation study analysis of the normal five-spot model and inverted five-spot polymer injection on X field)
10:40	-	11:00	Speaker TG: Heri Syaeful (Liquefaction hazard assessment on the nuclear installation area of Puspipetek-Serpong)	Speaker TM: Indah Widyaningsih (Comparison of Rhamnolipid and Sophorolipid Application on Sandstone Reservoir for Enhanced Oil Recovery)
11:00	-	11:20	Speaker TG: Faridz Nizar (The Interpretation of Subsurface Structure Beneath Banda Api Volcano Inferred from Gravity Data)	Speaker TM: Zaid Alfageh (Applying The Technology to Increase Oil Production Review of Enhanced Oil Recovery Techniques)
11:20	-	11:40	Speaker TG: Imam Santosa (The summit situation mapping of rokatenda volcano, east nusa tenggara using a drone)	Speaker TM: Arik Daniati/Zuher Syihab (An Integrated Approach to Economic Analysis of EOR Projects: EOR Screening to Optimization of Field Development Scenario)
11:40	-	12:00	Speaker TG: Nia Kurnia Praja (Stress –strain distribution of volcanic earthquake: a case study of semeru-tengger 2010 seismic activities)	Speaker TM: Ardhiya (Estimation of Future Inflow Performance Relationship for Solution-Gas Drive Reservoirs by Considering Changes in Water Cut Using Production Data)
12:00	-	13:00	Lunch Break	

			Plenary Session	
13:00	-	13:30	Prof. Kun Sang Lee	Moderator : Dr. Ing. Calvin Lumban Gaol S.T., M.Sc.
			Parallel Session	
			Room A (Geophysical Engineering - TG)	Room B (Petroleum Engineering - TM)
			Moderator : Madaniya Oktariena, S.T., M.T.	Moderator : Galang Merdeka S.T., M.Sc.
13:30	-	13:50	Speaker TG: Asido Saputra Sigalingging (Application of Source Independent Full Waveform Inversion to Seismic Onshore Data: Cases Studies in Donggi Field, Indonesia)	Speaker TM: Vincentius Brilian (Numerical Modeling of a Convective Closed-Loop Geothermal Heat Extraction from an Idle Geothermal Well)
13:50	-	14:10	Speaker TG: Muhammad Ragil Setiawan (Elastic property analysis and characterization of rocks using digital rock image)	Speaker TM: Adam Muhammad (A Quick and Robust Screening Method Using Pareto and Four Quadrant Analysis for WO/WS Candidates Selection in a Mature Field to Unlock Production Gain Opportunities)
14:10	-	14:40	Coffee Break and Poster Session	
			Plenary Session	
14:40	-	15:10	Ignatious Sonny Winardhie, Ph.D.	Moderator : Dr. Shindy Rosalia
15:10	-	15:40	Prof. Nicholas Rawlinson	Moderator : Dr. Shindy Rosalia
15:40	-	16:10	Masoud Babaei, Ph.D.	Moderator : Dimas Taha Maulana, MT.
			Parallel Session	
			Room A (Geophysical Engineering - TG)	Room B (Petroleum Engineering - TM)
			Moderator : Putu Billy Suryanata, S.T., M.T.	Moderator : Galang Merdeka S.T., M.Sc.
15:40	-	16:00	Speaker TG: Wahyu Dwi Nurcahyo (Correlation between N-SPT value and shear wave velocity for clayey soil)	Speaker TM: M. Khatami Rafsanjani (Advancing Relative Permeability Prediction in Water-Gas Reservoir Systems: A Comparative Study of Models Utilizing Porous Plate Capillary Pressure Measurements)
16:00	-	16:20	Speaker TG: Indra Gunawan (A High Resolution of Terrain Gravity of Bandung Area)	Speaker TM: M. Fakhri Athallah (The Effects of Permeability Anisotropy on Reservoir Rock Type Using Digital Rock Physics Method)
16:20	-	16:40	Speaker TG: Nugroho Prasetyo (The Early Study for Nature-Inspired Algorithms in Geophysical Modeling Based on Gravity Method: Prototype Bat Algorithm in 3D Gravity Inversion)	Speaker TM: Lutfi Abel Baskara (Flow Assurance Study for Pipeline CO2 Transport During Offshore Carbon Capture Storage (CCS))

JAYAKARTA HOTEL, BANDUNG – INDONESIA

Agenda Wednesday, 10 August 2023 (Day 2)

Time			Plenary Session	
8:00	-	8:30	Nenny Miryani Saptadji, Ph.D.	Moderator : Dr. Nurulhuda Halim
8:30	-	9:00	Edy Sanwani, Ph.D.	Moderator : Dr. Nurulhuda Halim
			Parallel Session	
			Room A (Mining Engineering - TA)	Room B (Metallurgy - MG)
			Moderator : Dimas Agung Permadi, ST., MT	Moderator : Zela Tanlega Ph.D.
9:00	-	9:20	Speaker TA: Aisha Permatasari (Elemental Mass Balance Calculation Using Easygresgrant of the Hydrothermal Alteration in Awak Mas Gold Deposit, Sulawesi Island, Indonesia)	Speaker MG: Subandrio (Bulk Flotation Optimization of Pb Levels for Suitable Smelter Feed)
9:20	-	9:40	Speaker TA: Resty Intan Putri (Hydrothermal Alteration and Vein Characteristics of Dayak Gold Mine Low Sulfidation Epithermal Deposit in the Baruh Area, Murung Raya Regency, Central Kalimantan Province)	Speaker MG: Nurulhuda Halim (Effects of Coal Pretreatment and Feeding Method on The Performance of Low-Rank Coal Gasification: Experimental Study and Its Analysis Using Aspen Plus)
9:40	-	10:00	Coffee Break and Poster Session	
			Plenary Session	
10:00	-	10:30	Dr. Iwan Setiawan	Moderator : Periska Rasma, MT
			Parallel Session	
			Room A (Mining Engineering - TA)	Room B (Geothermal - PB)
			Moderator : Ignatius Klemens Dwika, ST., MT.	Moderator : Fauziah Maswah, MT. (Geoscience) & Fasya Mediati Hapsari, ST. (Engineering)
10:30	-	10:50	Speaker TA: Dwi Vidya Sari (Geochemical Characteristics of Whole-Rock Weathering Profiles at Nickel Laterite Deposits in Sulawesi and Halmahera Islands)	Speaker PB: Yunus Daud (Identification of Permeable Zone Using Gravity Data in DB Geothermal Field)
10:50	-	11:10	Speaker TA: James Andrew Eric Putra Gigy (Petrological Constraint On Pre-Cenozoic Chert Origins of Embaluh Group in Long Wehea, East Kalimantan, Indonesia)	Speaker PB: Sahrul (Integration of gaussian filter and Bidimensional Empirical Mode Decomposition methods in separating gravity anomalies: A case study of geothermal potential area in Central Sulawesi, Indonesia)

11:10	-	11:30	Speaker TA: Karl Karoluz Meak (Chemical Analysis to Determine Coal Rank in Ombrob Village Coal Deposits, Nimboran District, Jayapura Regency, Papua)	Speaker PB: Faiq (Change of Phase in Geothermal Fluids Impacting Power Plant Operation (A Case Study: Transfiguration System of Separated Steam Cycle to Direct Dry Steam Power Plant))
11:30	-	11:50	Speaker TA: Ahmad Ali Syafi'i (Remote Sensing Imagery Approach for Diamond Mining Monitoring, Operation, and Post-Mining, Study Case: Cempaka Diamond Mine)	Speaker PB: Herianto (Thermodynamic Analysis of Orhanic Rankine Cycle Systems Using Low Enthalpy Fluid for Small Sclae Electricity Generation with Aspen Hysys V8.8 Software Simulation)
11:50	-	13:00	Lunch Break and Poster Session	
			Parallel Session	
			Room A (Mining Engineering - TA)	Room B (Mining Engineering - TA)
			Moderator : Dr.Eng. Intan Nurul Rizki, S.Si, MT.	Moderator : Dimas Agung Permadi, ST., MT
13:00	-	13:20	Speaker TA: Danu Putra (The impact of underground support and mine opening profile on the economics of underground mining projects)	Speaker TA: Mohammad Army (Stope Dimension Optimization Based on Geomechanical Properties Using Brute Force Algorithm)
13:20	-	13:40	Speaker TA: M. Alibasya (Forecasting Commodity Prices with Mean Reversion of Vasicek Mode)	Speaker TA: Wahyu Dwi Nurcahyo (Determining Subsurface Characteristic Based on Geophysical Survey for Yogyakarta-Bawen Tunnel)
13:40	-	14:00	Speaker TA: Sepriyani Sitohang (Identifying Geochemical Anomalies of Au-Ag-Cu-Pb-Zn-Sb-As from Stream Sediment Samples in Pacitan-Ponorogo District, Java Island, Indonesia)	Speaker TA: Bagaraja Sirait (Geomechanical characteristics of surrounding rocks in underground coal gasification reactors)
14:00	-	14:20	Speaker TA: Angelina Randa (The Potential of Limestone as Raw Material for Cement in the Entrop area of Jayapura City, Papua Province)	Speaker TA: Sari Melati (Laboratory measurement to identify the mechanical behavior of competent rocks in deep underground mining: a preliminary study on Diorite and Skarn)
14:20	-	14:50	Coffee Break and Poster Session	
			Plenary Session	
14:50	-	15:20	Tegar Giri Ksatria, ST.	Moderator : Dr. Tomy Alvin Rivai
15:20	-	15:50	Prof. Yiqiang Li	Moderator : Galang Merdeka S.T., M.Sc.