



SWISS GERMAN UNIVERSITY **SYMPOSIUM**

**FOSTERING INNOVATIONS FOR SUSTAINABLE DEVELOPMENT
DISSEMINATION OF SGU'S RESEARCH RESULTS**

ABSTRACT BOOK

22-23 JULY 2019

@Swiss German University,
Prominence Office Tower 3rd Floor, Jln. Jalur Sutera Barat No.15,
Alam Sutera, Tangerang 15143

- Moderators** : Dr. Irvan S. Kartawiria, S.T., M.Sc.
Dr. Eka Budiarto, S.T., M.Sc.
Kholis Abdurachim Audah , M.Sc, Ph.D
Dr. Muhammad Fathony
Dr. Dipl.-Ing. Samuel P. Kusumocahyo
Dr. Ir. Yosman Bustaman, Mbuss.
- Opponents** : Dr. Harya D. Widiputra
Dr. Rifelly Dewi Astuti, M.M.
Dr. Yenny Meliana M.Si.
Dr. Yuliati Herbani
- Reviewers** : Dr. Irvan S. Kartawiria, S.T., M.Sc.
Dena Hendriana, BSc.,S.M., Sc.D
Deborah N. Simorangkir, Ph.D
Dr.-Ing Evita H. Legowo
Kholis A. Audah, M.Sc, Ph.D
Dr. Dipl.-Ing. Samuel P. Kusumocahyo

Tuesday, 23 July 2019

Time	Topics & Speaker	Moderator/PIC
8:30-9:00	<i>Information and Registration Desk Open</i>	Deni Hutajulu, S.S. & Cindy Natalia, S.E.
Panel Discussion III		
9:00-9:30	Dr. Nila K. Hidayat, SE., MM., CRF Final Report: <i>Strategic Analysis to Develop Cooperative's Performance on Digital Industry Era in Tangerang, Indonesia</i>	Moderator: Dr. Ir. Yosman Bustaman, Mbuss Opponents: Dr. Rifelly Dewi Astuti, M.M.
9:30-10:00	Dr. Antonius T.P.Siahaan, SE.,Akt.,MM.,CA, CRF Final Report: <i>Analyzing The Relation of Operational and Economic Parameters to Total Shareholder Value of Listed Gold Mining Companies in Six Countries</i>	Reviewer: Dr. Irvan S. Kartawiria, S.T., M.Sc., Dr.-Ing Evita H Legowo, Deborah N. Simorangkir, Ph.D
10:00-10:30	Moch. R.R. Adam, ST., M.S.M, CRF Final Report: <i>A Strategic Male's Health Marketing For The Case of Obesity in Jakarta</i>	
10:30 - 10:45 Coffee Break		
Panel Discussion IV		
10:45-11:15	Dedy H.B. Wicaksono, Ph.D, CRF Final Report: <i>Wearable Physiological Monitoring Using Lowcost Fabric-Based Microfluidic Electrochemical Device: Towards Pre-Clinical Trial</i>	Moderator: Kholis A. Audah, Ph.D, Opponents: Dr. Yuliati Herbani Reviewer: Dr. Irvan S. Kartawiria,
11:15-11:45	Fuad Ughi, S.T.,M.T., CRF Final Report: <i>Wearable Mechanomyography Cntcoated Thread-Based Sensors: Reliability & Clinical Trial</i>	Dr.-Ing Evita H Legowo, Dr. Dipl.-Ing. Samuel P. Kusumocahyo
11:45 - 13:00 Lunch Break		

Analysing The Relation of Operational and Economic Parameters to Total Shareholder Value of Listed Gold Mining Companies in Indonesia and Five Other Countries

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Even though Indonesia was famous due to its mineral resources, only few gold mining companies is listed in the Indonesia stock exchange. In the other hand, there is a need to increase investment in the mining sector from stock market as reserve has been stagnant while production keeps going. To understand the nature of published gold mining companies, this study is conducted to analyze the effect of published operational parameter: ore processed, gold production, mining grade, process recovery, as well as external factors such as gross-domestic product and gold price to the share return of public listed gold mining companies. From panel data regression of quarter reports of eighteen (18) world mining companies in the period 2012 to 2017, it shows that process recovery and gold price is significant to the change of share price. Furthermore, the study finds that when operational parameter of existing mines can be good and positively increase, mining companies still need to look at their reserve to ensure sustainability of the business in the long run.

Keywords: public listed gold company, share return, panel data regression, operational parameters.