





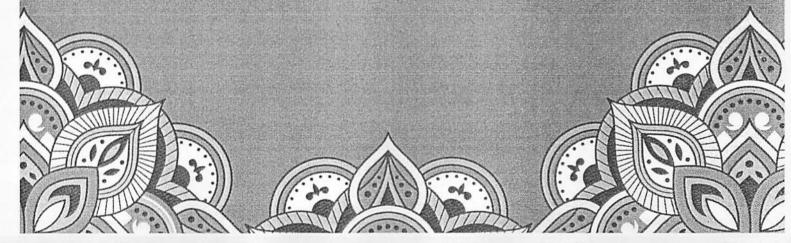
SWISS GERMAN UNIVERSITY SYMPOSIUM

FOSTERING INNOVATIONS FOR SUSTAINABLE DEVELOPMENT DISSEMINATION OF SOUR 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	Information and Registration Desk Open	Deni Hutajulu, S.S. & Cindy Natalia, S.E.
Panel	Discussion III	
9:00- 9:30	Dr. Nila K. Hidayat, SE., MM., CRF Final Report: Strategic Analysis to Develop Cooperative's Performance on Digital Industry Era in Tangerang, Indonesia	Moderator: Dr. Ir Yosman Bustaman, Mbuss Opponents Dr. Rifelly Dewi Astuti, M.M. Reviewer: Dr. Irvan S. Kartawiria, S.T., M.Sc., DrIng Evita H Legowo, Deborah N. Simorangkir, Ph.D
9:30- 10:00	Dr. Antonius T.P.Siahaan, SE.,Akt.,MM.,CA, CRF Final Report: An- alyzing The Relation of Operational and Economic Parameters to Total Shareholder Value of Listed Gold Mining Companies in Six Countries	
10:00- 10:30	Moch. R.R. Adam, ST., M.S.M, CRF Final Report: A Strategic Male's Health Marketing For The Case of Obesity in Jakarta	
10:30 -	10:45 Coffee Break	
Panel [Discussion IV	
10:45- 11:15	Dedy H.B. Wicaksono, Ph.D, CRF Final Report: Wearable Physiological Monitor- ing Using Lowcost Fabric-Based Microflu- idic Electrochemical Device: Towards Pre- Clinical Trial	Moderator: Kholis A. Audah, Ph.D, Opponents: Dr. Yuliati Herbani Reviewer: Dr.
11:15- 11:45	Fuad Ughi, S.T., M.T., CRF Final Report: Wearable Mechanomyography Cntcoated Thread-Based Sensors: Reliability & Clinical Trial	Irvan S. Kartawiria, DrIng Evita H Legowo, Dr. DiplIng. 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

Antonius T.P. Siahaan, Yosman Bustaman, and Herlambang Ciptaaji
Department of Master of Business Administration, Swiss German University, Tangerang

*Corresponding author: antonius.siahaan@sgu.ac.id

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.