

## Parallel Session Schedule

Day 1 (3 July 2018)	
Room A (Standard & Quality)	
Author(s)	Title
Rahmat Nurcahyo, Nurmala Sari, Muhammad Habiburrahman and Ellia Kristiningrum	Green Building Standard Assessment at A Higher Education Institution
Wildan Trusaji, Pradiya Ajidarma and Dradjad Irianto	SME's Technological Readiness to Fulfill the Tofu Product Standard (SNI 01-3142-1998)
Muhammad Rosiawan, Moses Laksono Singgih and Erwin Widodo	The Benefit Attributes of the Indonesian National Standard (SNI) Products
Pradiya Ajidarma, Ayunda Rahmadini, Wildan Trusaji and Dradjad Irianto	ISO 14001 : 2015 Environmental Management System Design in a Milk Industry
Pradiya Ajidarma, Muthya Islamiaty, Fariz Hasby and Dradjad Irianto	Food Safety System Design Using Hazard Analysis Critical Control Point (HACCP) on Beverage Product X at a Milk Tea Producer
Aries Susanty, M. Mujiya Ulkhaq and Devi Amalia	Using Multivariate Control Chart to Maintain the Quality of Drinking Water in Accordance with Standard
Karina Gisela Napitupulu, Mohammad Miradj Isnaini and Dradjad Irianto	Quality Management System Design of Vocational Services in PM College Based on ISO 9001:2015
Room B (Engineering)	
Gilang Almaghribi Sarkara Putra and Rendra Agus Triyono	Neural Network Method for Control Valve Cost Estimation on the EPC Project Bidding
Endang Satyawati	Development of An Application-Based Accounting System for Small and Medium Scale Enterprises (SMEs)
Elieser Tarigan	Simulation and Economic Analysis of Solar Cooling for Building in Tropical Climates in Surabaya, Indonesia

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Ratna Purwaningsih, Lakshita Pritandari and Haryo Santoso	Cost-Benefit Analysis of Flight Extended Operations (ETOPS) for Garuda Indonesia Airways
Manik Mahachandra, Heru Prastawa and Dhialma Yonathan Susilo	Working Posture Analysis of Sweet Whey Powder Handling at CV Cita Nasional Warehouse Using OVAKO Working Posture Analysis (OWAS)
Heru Prastawa, Novie Susanto, and Try Nofri	Mental Workload of Undergraduate Student (A Case Study in Industrial Engineering Department of Diponegoro University)
Wiwik Budiawan, Arfan Bachtiar, and Veronica Desy Afriyanti	Evaluation Of Advertisement Existence Toward Attention And Understanding Level Vehicle Driver
<b>Room C (Engineering)</b>	
Didi Kusaeri and Msk Tony Suryo Utomo	Analysis of Aerodynamics Urban Electric Car Using Computational Fluid Dynamics
Sumar Hadi, Bayuseno, Jamari, Rachmat Muhamad Andika, and Kurnia Chamid	Design and Analysis of Trapezoidal Bucket Excavator For Backhoe
Patrick Munyensanga, Susilo A. Widyanto, Moh N.A. Aziz and Paryanto	Evaluation of Nickel electroplating process for surface finish layer of AISI 316L Stainless Steel with Copper rod bars as cathode in electrolyte solution.
Dyah Ayu Puri Palupi, Mardanung Patmo Cahjono and Kristyana Dananti	Integrated Evaluation Model : A performance Appraisal Model for Certified Lecturers in Indonesia
Noreffendy Tamaldin and Ajat Sudrajat	Review on Active Suspension System
Syarifudin Syarifudin, Syaiful Syaiful and Eflita Yohana	Effect of Butanol on Fuel Consumption and Smoke Emission of Direct Injection Diesel Engine Fueled by Jatropha Oil and Diesel Fuel Blend with Cold EGR System
Ajat Sudrajat, Eva Mayfa Handayani, Noreffendy Tamaldin, Ahmad Kamal Mat Yamin	Principle of Generator HHO Hybrid Multistack Type Production Technologies to Increase HHO Gas Volume
Dewi Jayanti, Suheryanto, Zainal Fanani	Determination of Copper Metals in Leachate Using Potentiometric Method by Concentration Cells

<b>Day 2 (4 July 2018)</b>	
<b>Room A (Standard &amp; Quality)</b>	
Song Mingshun, Zhu Tingting, Qi Bingtin	Quaternary Quality: A Medium Quality That Connects Macro Quality with Micro Quality
Manabu Eto	Three activities to promote the development of standard professionals
Peter F. Kaming and Micheal Boenardi	Applying ISO 15856 part 5 for Life Cycle Costing of a Hotel Building in Indonesia
Rizki Amalia Pratiwi, Fakhrina Fahma, Wahyudi Sutopo, Eko Pujiyanto, Suprpto and Meilinda Ayundyahrini	Designing Parameter for Developing Standard of Manual Wheelchair
Hutomo Wahyu Nugroho, M. Khoirul Anam and Yudhistira	Implementation of CISPR 14-2 Standards on Electrostatic Discharge (ESD) Immunity Test for Household Appliances Induction Cooker
Naniek Utami Handayani, Anita Mustikasari, Sabrina Hutagalung and Baby Monica I S	Analysis of the Implementation of ISO 9001:2015 in SME Aldin Natural Home
Dana Prianjani, Wahyudi Sutopo, Eko Pujiyanto and Fakhrina Fahma	Designing Framework for Standardization and Testing Requirements of Battery Swap for Electric Motorcycle Application in Indonesia
Ahmudi, Bambang Purwanggono, Naniek Utami Handayani	Effectiveness Analysis of ISO 9001:2015 Implementation At Manufacturing Industry
<b>Room B (Standard &amp; Quality)</b>	
Ramy Yahya, Naniek Utami Handayani and Bambang Purwanggono	Analysis of OHSAS 18001: 2007 Standard Renewal Towards ISO 45001: 2018 at PT. Power Plant Indonesia using Gap Analysis Method
Esaul Wairon, Naniek Utami Handayani and Bambang Purwanggono	Analysis of ISO 14001 Implementation and Program Performance Assessment Ratings Company (Proper) Environmental Management in. Power Plants with Gap Analysis Tools
Bambang Purwanggono, Arfan Bakhtiar and Rahman Rifky	Analysis of ISO 9001:2015 Certification Readiness of JP-Graha Product of PT. Jasaraharja Putera using Gap Analysis

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Arlita Rahma Widyasrini and Nia Budi Puspitasari	Analysis of Customer Satisfaction with Quality of Service Using Importance Performance Analysis (IPA) on PT. Telekomunikasi Indonesia. (Case Study Telkom Divre IV Central Java & DIY)
Sunartoto Gunadi	The Urgency of Testing Standard for Elderly's Monitoring System
Ko Ozaki and Masako Muramatsu	Revision of the Japanese Industrial Standardization Act
Susatyo Nugroho Widyo Pramono, M. Mujiya Ulkhaq, Diva P. Rachmadina, Wismar Rizki Wijayanti and Wini R. Dewi	The Use of Quality Management Techniques: The Application of the New Seven Tools
Naniek Utami Handayani, Agus Tri Wibowo, and Diana Puspita Sari	Assesing the Electronic Service Quality using E-S-Qual and Importance Performance Analysis Combined Method
<b>Room C (Engineering)</b>	
Ahmad Diponegoro	Enhancement Method for Assignments of Staff in Multiple Events
Jaka Windarta, Bambang Purwanggono and Fuad Hidayanto	Application of Leap Model on Long-term Electricity Demand Forecasting in Indonesia, Period 2010-2025
Alain Widjanarka, Budisantoso Wirjodirdjo, Nyoman Pujawan and Imam Baihaqi	Coalition in Utilization Capacity in Container Transportation Services
Finsaria Fidiyanti and Novie Susanto	Analysis of The Cause of The Defect Capsul Products Packaging Using Six Sigma: A Case Study (PT. SM Tbk.)
Diana Puspita Sari, Sela Tri Parwati, Dyah Ika Rinawati dan Purnawan A. Wicaksono	Analysis of Normal Noodle Production Scrap Factor Cause in PT. Indofood CBP Sukses Makmur Tbk. using Fault Tree Analysis Method (FTA)
Singgih Saptadi, Arlita Rahma Widyasrini, Bonita Melinda Pangaribuan and Singgih Saptadi	Individual Based Simulation for Online Marketplace Difusion among Trading Small Medium Enterprises: A Conceptual Framework
Hery Suliantoro, Nurul Fitriani and Bagus Hario Setiadji	Risk Analysis and Strategic Planning on Bridge Construction Works at The Toll Road Procurement Projects in Central Java Province