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| <p>S. Habibie, N. Herdianto, M. E. Harahap, D. A. Fitriani, Lukmana, S. Clarke (#567) Synthesis and Characterization of Hydroxyapatite Material Performed From Indonesian Limestone by Precipitation Method</p> | <p>D.A. Sari, Sukanta, A. Hakiim (#572) Anaerobic Wastewater Treatments with Using Temperature, pH, and Chemical Oxygen Demand Parameters</p> | <p>S. Rahayu, T. Kartoadmodjo, A. A. Pramana (#656) Geo-mechanic Data Analysis Applied to Hydraulic Fracturing Design in Lower Pematang Formation Malacca Strait PSC</p> | <p>D. Gustiono, A. H. S. Wargadipura, M. D. Effendi, S. Roseno, N. Herdianto, F. Mahyudin (#570) Development of Porous Hydroxyapatite Biomaterials for Bone-Graft Substitute</p> | <p>I. Sukmana (#568) Biomechanical tuning of biomaterial, extracellular matrix properties, and culture model to engineer the angiogenesis and microvascular development</p> | <p>A. T. S. Awaliah, B. S. Dewi, G. D. Winarno, S. P. Harianto, N. Tokita (#762) Feeding Behavior of Sumatran Rhino (<i>Dicerorhinus sumatrensis</i>) in Sumatran Rhino Sanctuary Way Kambas National Park</p> |
| <p>R. A. Sasongko, Y. A. Ndaomanu, Y. I. Jenie, M. L. I. Nurhakim, M. R. Hadytama, Y. K. Asalani (#716) Development of Numerical Platform for Aircraft System Simulation</p> | <p>Darjat, Sulisty, A. Triwiyatno, E. Julian (#673) Design of PID Controlling for Optimization of Fuel Usage in Solid Oxide Fuel Cell Applications</p> | <p>A. Rosita, L. D. Setiadji, H. T. B. M. Petrus (#736) Study on The Influence of Jigging Operating Variables To Increase Monzite Concentration From Tin Ore Processing Plant</p> | <p>Asmiati, D. Mubarak (#578) Locating-Chromatic Number of Barbell Graph</p> | <p>P. K. D. D. Prima, P. S. Megaputri, C. M. Sari, I. D. A. Rismayanti (#711) Determinants Low Birth Weight in General Hospital Kertha Usada Buleleng Regency</p> | <p>W. F. Dewatisari, L. Rumiati, I. Rakhmawati (#611) Yield Analysis and Phytochemical Screening Leaf Extract of <i>Sansevieria</i> Sp.</p> |
| <p>M. A. Hutomo, R. O. Bura (#717) Design of Inward-Turning External Compression Supersonic Inlet for Supersonic Transport Aircraft</p> | <p>A. Prayitno, M. Irvan, S. Nurharsanto, W. F. Yanto (#696) Electric Power Optimizing of Solar Panel System Through Solar Tracking Implementation; A Case Study in Pekanbaru</p> | <p>Marhaini, Legiso, Trilestari (#741) The Synthetic Activities of TiO₂ - Moringa Oleifera Seed Powder in The Treatment of the Wastewater of the Coal Mining Industry</p> | <p>Riyanto, A. Wardani (#589) Treatment of Wastewater Batik by Electrochemical Coagulation and Adsorption Method</p> | <p>I. G. N. P. A. Prasetia, N. W. Trisnadewi, I. S. Purwanti (#671) The Experience Of The Husband Who Accompanied The Wife With Cervical Cancer Who Are Undergoing Treatment</p> | <p>Subeki, W. Satyajaya, T. P. Utomo, Muhartono (#595) The Effect of Processing Techniques Against Cyanogen Levels During The Production of Siger Rice from Cassava (<i>Manihot Esculenta</i>)</p> |
| <p>D. D. Susilo, A. Widodo, T. Prahasto, M. Nizam (#721) Estimation of Bearing Degradation Trend Using Least Square Support Vector Machine and Exponential Regression</p> | <p>Fahmi, B Siregar, EB Nababan, I Hasibuan, U Andayani, H Pranoto (#630) Simulation and Control of Clean Water Supply on Campus Toilets Using Passive Infrared Receiver Sensor Technology and Flow Liquid Meter)</p> | <p>B. Winarta, Nadiatul Nadiatul Adilah A. A Gani, M. F. Ahmad (#586) Rainfall Runoff Model Evaluation for Lebir River Kelantan – Malaysia</p> | <p>A. Hakiim, D. A. Sari, V. Efelina (#573) Case Study of Converter Performance Evaluation on Sulfuric Acid Production (Department III PT B)</p> | <p>P. S. Megaputri, P. K. D. D. Prima, C. M. Sari, I. D. A. Rismayanti (#709) Deceptive is Effective Negotiation Strategies to Customers for Using Condoms Consistently</p> | <p>N. Yuliana, Marniza, H. Triasih (#642) Characteristics of Lactic Sweet Corn Milk Drink: Effect of Complementation with Soy Milk</p> |
| <p>GA Ibrahim, B. Purnomo, A. Hamni, S. Harun, Y. Burhanuddin (#662) The Machined Surface of Magnesium AZ31 After Rotary Turning at Air Cooling Condition</p> | <p>E. Komalasari, RA Kurniawan, A. Haris (#771) Analysis and Simulation fo Leakage Current in On-Grid Transformerless Solar Power System</p> | <p>DM Silaban, Erwin, Yanuar, A. Prayitno (#600) Magnetic and Microstructural Properties of Magnetic Nanoparticle of Iron Sand From Kata Beach Pariaman District West Sumatera Province</p> | <p>Riyanto, Purnawati A. Sofia (#590) Treatment of Salt for Human Consumption and Food Grade Using Activated Carbon</p> | <p>M. Shiddiq, E. Amiruddin, NZ Yasmin (#731) Investigation of Relationship between Laser Speckel Contrast and Blood Pressure using LASCA</p> | <p>IK Budaraga, Y. Oktavia, L. Hermalena (#723) Study of Quality Microbiology of Fresh Drinks Corens with the Use of Different Types of Oranges</p> |

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| <p>Arianta, R. L. Tawekal, A. Taufik, Rildova (#592) API5L X65 Material Elastic Modulus Degradation on Springback of Dent</p> | <p>D. A Sari, Sukanta, A. Hakiim (#635) Anaerobic Wastewater Treatments Prediction of Retention Time on RT/RW Plant</p> | <p>T. Marhaendrajana, A. O. Abdulumuni (#580) CFD Study of Characteristics of Surfactant-Brine Mixing in Horizontal Pipeline: a case study of EOR system in Tanjung Oil field, Indonesia</p> | <p>R. C. Nayak, M. K. Roul, S. K. Sarangiu (#660) Natural convection in aluminum tube subjected to heat transfer and its experimental study</p> | <p>R. Nahrowi, S. D. Yuwono, A. Setiawan, I. Sukmana (#725) Synthesis of Cellulose-Poly Lactic Acid Laktat as Delivery Agent of Rifampicin</p> | <p>R. A. Duhri, R. A. Sasongko, Y. D. Laksmana (#692) Design and Simulation of Air to Air Missile Homing System</p> |
| <p>A. Sutrisno, M. Asjad, I. Gunawan, I. Vanany (#587) Integrating Grey Relational Analysis and Principal Component Analysis for Evaluating Lean Waste Risk in Modified FMEA</p> | <p>A. Andang, N. Hiron (#591) Monitoring Temperature and Humidity Wireless Realtime-Based LabVIEW</p> | <p>G. Salim, P. B. Kelen (#601) Analysis Growth of Von Bertalanffy and Mortality from Fish Kurau (Polynemustaenitatus) of The Catch Fisherman in Waters Bunyu</p> | <p>E. M. Tamboesai (#714) Geochemical Characterization, Biomarker and Determination Of Correlation, Maturity Of Petroleum From Bangko-Rohil And Duri Bengkalis, Riau</p> | <p>Trisanti, C. Windyaningsih (#636) Survival People Living with HIV-AIDS with Adherence and No adherence Treatment in Kramat Jati VCT Clinic, East Jakarta, DKI Jakarta, Indonesia Year 2014-2015</p> | <p>M. Shiddiq, A. J. Pratama, Z. Radikel (#730) Ripeness Classification of On Tree-Fresh Fruit Bunches Using Laser Based Imaging</p> |
| <p>Alfirano, E. U. Santoso, M. Hidayat (#599) Microstructures and Mechanical Properties of Duplex Low Carbon Steel</p> | <p>H. Pranoto, K. Yusuf, M. Syahrudin, Melvi (#631) Automation Electronic Payments Device using eKTP based Near Field Communication (NFC) Technology for Support Development of Smart-Transfortation</p> | <p>E. Amiruddin, Salomo, Krisman, M. Ginting, Sugianto (#605) Magnetic and Microstructural Properties of Cobalt Samarium Thin Films Deposited on Niobium Underlayer for Higher Density Magnetic Recording Media</p> | | | <p>G. Prayitno, R. K. Anjani, S. Luthpiana, S. Kamalia (#733) The Development of Agropolitan Lingsar to Support Economy & Tourism in the West Lombok Regency</p> |
| <p>K. Ummah, H. M. Pasaribu, D. Anandito (#724) An Assessment Method for Beyond Visual Range Combat Capability of Fighter Aircraft</p> | <p>A. Haris, A. P. Raga, E. Komaasari (#767) Simulation Multilevel Inverter Single Phase Type H-Bridge With Resistive-Inductive Load (RL)</p> | <p>A. Aditiya, Y. Aoki, R. D. Anugrah (#651) Surface Deformation Monitoring of Sinabung Volcano using Multi Temporal InSAR Method and GIS Analysis for Prone Area Assessment</p> | | | <p>Sarono, Y. Sukaryana, Y. R. Widodo, U. Hasanudin (#768) Effect of Ratio POME and Sludge on Acclimation Process Biogas Production from Palm Oil Mill Effluent</p> |

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| | R. Alandani, M. A. Muda, S. Alam (#773) Development of Pipe Leak Detection Based on Long Wave Infrared Camera for Unmanned Aerial Vehicle Application | | | | | |
| 15:00 - 15:30 | Coffee Break | | | | | |
| 15:30 - 17:00 | Session for Oral Presentation II & POSTER *) | | | | | |
| | Parallel Room 1 Engineering & Tech. I | Parallel Room 2 Engineering & Tech. II | Parallel Room 3 Engineering & Tech. III | Parallel Room 4 Life & Applied Sciences | Parallel Room 5 Agriculture & Food Sci. | Parallel Room 6 Reviewers Meeting |
| | Session Chair: | Session Chair: | Session Chair: | Session Chair: | Session Chair: | |
| | Assistant: | Assistant: | Assistant: | Assistant: | Assistant: | |
| | G. A. Ibrahim, A. Hamni, S. M. P. Lestari (#654) Analysis of surface roughness value when drilling magnesium AZ31 using Taghuci Method | Y. I. Jenie, O. Arifianto (#720) A State Space Linear Mathematical Model and Simulation of a Quadrotor Unmanned Aerial Vehicle | I. K. B. Sandika (#659) Balinese Cultural Values in Partnership | D. Koesoemawardani, S. Hidayati, Subeki (#639) Characterization of Rusip Along with The Amino Acid and Fatty Acid Profile | T. P Utomo, E. Suroso, S. Hidayati, A. Arianto (#596) Determination of Rubber-based Agroindustry using Analytical Hierarchy Process (AHP) Method in Mesuji District, Lampung Province | |
| | A. Sutrisno, B. L. Maluegha, J. Soukotta, S. L. N. Putri (#588) A Conceptual Model on Integrating Supply Chain Operation Reference (SCOR) into Disaster Response Service Supply Chain FMEA | I. M. Yunus, Wisnaningsih, R. Dalimunthe (#732) Solar Fuel's Energy Efficiency Estimation of Rice Milling Factory with Level Variations | G. A. Muhtar, T. Waryono, T. L. Indra (#648) Geographic Information System Application for Identifying Distribution of Rice Crops Land Suitability as Controlling Rice Food Availability: Case Study in Bulukumba Regency, South Sulawesi Province | A. Awaluddin, S. S. Slregar, R. R. Aulia, N. Dewi, I. P. Sari, D. R. Doloksaribu (#677) Effect of the Reactant Concentrations on Manganese Oxide Structures and Their Catalytic Performance for Methylene Blue Degradation | S. Nurdjanah, N. Yuliana, N. Yudaningsih, S. M. Br. Limbong (#626) Characteristics of Retrograded Purple Sweet Potato Flour and Its Physiological Function on Healthy Mice | |

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| R. O. Bura, Y. Utama, M. Farraz (#718) Development of Optimization Methodology for Short Range Air-to-Air Missile | E. Suwondo (#727) Quantitative Maintenance Program Development Method | H. Utami, S. Br. Ginting, D. D. Sulistiowati, R. P. Hermiyati (#699) The Effect Catalyst Natural Zeolite of Lampung on The Synthesis of α -Terpineol from Turpentin | Fibra Nurainy, Dyah Koesoemawardani, Novita Herdiana, Ivana Regin Saragih (#640) Alginate Addition on Geblek | Erwanto, A. K. Wijaya, Liman, F. Aulia (#619) The Effect of Cutting Age on Moisture, Ash, and Crude Fat Indigofera zollingeriana at Pringsewu Regency |
| I. Pratiwi, W. Andalia, H. Samaulah (#670) Inventory Analysis by Economic Order Quantity Method | Prasetyo Ardi P.S., R. A. Sasongko (#695) Method for Air Combat Simulation Outcome Determination | E. Oktariani, K. Nakashima, A. Noda, B. Xue, K. Tahara, K. Nakaso, J. Fukai (#616) The Feasibility of Desorption on Zeolite-Water Pair Using Dry Gas | Wamiliana, Warsono, M. D. Maulana (#734) Using GNU Octave and Modification of Prim's Algorithm to Solve The Multi Periods Degree Constrained Minimum Spanning Tree | S. Waluyo, Y. Guo, G. Yao, J. Tan (#737) Model-based Ultrasound Feature Extraction for Classification of Biological Materials |
| H. M. Pasaribu, C. Reyner, A. Meigo, K. Ummah, R. A. Sasongko (#691) Simulation of Missile-Aircraft Separation | T. Mulyanto (#728) Tracking and Modelling of Flexible Wing Flapping Motion | H. T. B. M. Petrusa, A. D. P. Putera, A. M. R. Putri, Y. P. Sihotang, Wiratni, W. Astuti, Y. Iskandar, D. Bratakusumac (#620) Nickel Recovery from Hydrocracking Spent Catalyst using Acetic Acid: Leaching Performance and Kinetics Study | S. Suhandono, L. R. Karokaro, A. Apryanto (#664) The Analysis Control of MeEF1a3 and MeEF1a6 Promoters in Meize (Zea Mays) and Tomato (Solanum Lycopersicum L.) Plants Through Transient Transformation by Using Agro-Vacuum Infiltration Method | S. Hidayati, A. S. Zuidar, Murhadi, W. Satyajaya, D. Retnowati (#594) Isolation And Characterization Of Formacell Lignins From Oil Palm Empty Fruits Bunches (OPEFB). |
| M. Sadono, SA Harahap, DY Putra, Randhy, MLI Nurhakim (#697) Risk Assessment Approach in Airport Security | F. Hartono, G. Akhiri, A. Soelaiman (#726) The Development of Automatic-Start System for Experimental Micro Gas Turbine | P. S. Widiatoro, A. A. Pramana, P. Suarsana, A. N. Utami (#649) Integrated Reservoir Study to Optimize Gas Production of Water Drive Gas Reservoir Case Study: Lower Menggala Gas Field | F. M. Yanti, S. D. S. Murti, Y. K. Krisnandi, Adiarso (#618) Utilization of Coal Fly Ash as Heterogeneous Catalyst of ZSM-5 Impregnated Cobalt for Methanol Synthesis | |

IC-STAR 2017 SCIENTIFIC COMMITTEE MEETING & EVALUATION

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| | G. A. Ibrahim, R. Suryaningsih, A. Hamni, Y. Burhanuddin (#666) Application of Central Composite Design for Optimization Machining Parameters When Machine Magnesium AZ31 | L. Hakim, A. Z. Nafisah, H. Gusmedi, Khairudin (#738) Voltage Profile Improvement through Load Shedding Action Using Linear Programming-based Optimal Power Flow | M. A. Rahayu, M. K. Sabariah, V. Effendy (#614) Interaction Effectiveness Measurement on Traditional Game for Children using Relative Manipulation Time Method | N. Syazwani, I. Sukmana (#778) Dip coating of hydroxyapatite (HA) on porous Tantalum (pTa) for bone application | | |
| 17:00 | Closing for the 1st day | | | | | |

***) POSTER PRESENTERS**

MD Effendi, Lukmana (#719)
Effect of Adding Carbon Black on Microstructure of CaP Granules using The Gelation of Alginate Droplet Formation

September 19, 2017 (Tuesday): Workshop on International Publication

VENUE: Rectorate Building 4th Floor, University of Lampung

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| 08:00 - 08:30 | Registration and admission Welcoming speech by Dr. Dewi Agustina Iryani , Coordinator Workshop on International Publication Official opening by Ir. Warsono, Ph.D. , Head of LPPM University of Lampung |
| 08:30 - 09:30 | Session 1: Preparing your research paper for a reputable international journal (by Dr. Riza Muhida) |
| 09:30 - 10:00 | Coffee Break |
| 10:00 - 11:00 | Session 2: Improving the quality and content of a journal's manuscript (by Dr. Riza Muhida) |
| 11:00 - 12:00 | Session 3: Coaching clinic |
| 12:00 - 13:00 | Lunch Break |
| 13:00 | Closing for the publication workshop |

September 20, 2017 (Wednesday) **

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| 08:00 - 16:00 | Pahawan Island trip, Bandar Lampung - Sailing, snorkeling, swimming, lunch |
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**) Subject to number of participant [Please register first]