Session 6

[ICMID18-26AE] Potential Use of Pomalaa Nickel Slag as A Substitute for Sand in Brick Making

E Ngii, B Mursidi and Y Y Umar

Department of Civil Engineering, Faculty of
Engineering, Universitas Halu Oleo

E-mail: edward.ngii@uho.ac.id

Abstract. The latest variance of nickel slag from PT.Antam Pomalaa has material gradation size equivalent to sand has, so it has potentially as a sand substitute material. The study aims to determine the use of fine nickel slag as a substitute for sand in brick making. Nickel slag used is variation of 0%, 25%, 50%, 75% and 100% against of total weight of sand. The brick is designed with a cement – sand ratio of 1 : 7. The experimental is a hollow brick with dimension of 40 cm×18 cm×10 cm. Compressive test is done after brick curing along 28 days. The maximum result of compressive test is obtained in the use of 50 % nickel slag of 19.58 kg/cm² compared to the brick without nickel slag of 12.92 kg/cm². The conclusion that by using a fine nickel slag type of fenil iv up to 50 % on production, it can reduce sand use and improve the strength up to 51%.

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CERTIFICATE

Faculty of Engineering, Universitas Halu Oleo
certifies the participation of

Edward Ngii

as

Presenter

at the 1st International Conference on
Maritime Infrastructure and Development (ICMID)
held in Kendari, South East Sulawesi, Indonesia
on 19-21 November 2018

Dean,

A handwritten signature in black ink, appearing to read 'Edward Ngii', is written over a circular red stamp. The stamp contains the text 'UNIVERSITAS HALU OLEO' and 'FAKULTAS TEKNIK'.

Dr. Edward Ngii

Chairperson of The
Organizing Committee,

A handwritten signature in black ink, appearing to read 'Laode M. Golok Jaya', is written over a blue and white ICMID logo. The logo includes the text 'ICMID' and 'International Conference on Maritime Infrastructure and Development'.

Dr. Laode M. Golok Jaya

THE 1ST INTERNATIONAL CONFERENCE ON MARITIME
INFRASTRUCTURE AND DEVELOPMENT (ICMID) 2018

ABSTRACT BOOK

Kendari Indonesia
19-21 November 2018

Foreword from ICMID Chairperson

First of all I would like to welcome all of our distinguish guest, speakers, authors and participants who make contribution in the ICMID international seminar at the Faculty of Engineering, University of Halu Oleo (UHO). Welcome to Kendari, the capital of Southeast Sulawesi Province. I hope you will enjoy stay in Kendari during this seminar.

As the largest archipelagic country in the world, Indonesia has great potential to become the world's maritime axis. The maritime axis is a strategic idea that is realized to ensure inter-island connectivity, the development of the shipping and fisheries industry, the improvement of sea transportation and a focus on maritime security. Indonesia has a fundamental interest in mastering and utilizing the sea because Indonesia has a strong maritime identity and culture in utilizing its strategic position to create security in the region in accordance with the mandate of the constitution.

To realize this, the synergy between academics and researchers, the government and the business world is needed to make a major contribution to the development of programs for the development of Indonesia's maritime infrastructure. This ICMID international seminar seeks to make a positive contribution to achieving this goal.

We have invited researchers and practitioners to contribute ideas in scientific papers that will be presented in two days. There are 57 papers which are collaborations of authors from various countries and universities. 57 of these papers varied from aspects of science, applied engineering and policy science. We sincerely hope that the results of the research outlined in the paper presented at this seminar will benefit the Indonesian and world maritime development.

I would like to express thank to Rector of Universitas Halu Oleo Professor Muhammad Zamrun and Dean of Faculty of Engineering Dr. Edward Ngii who support this conference. I specially thank to all of organizing committee who have make great contribution and support to manage this seminar.

Thank you and congratulations on conducting the seminar.

Kendari, 19 November 2018

Chairperson of the ICMID,

Dr. Laode M. Golok Jaya

Foreword from Dean of Faculty of Engineering UHO

I welcome the implementation of this ICMID International Seminar. I also conveyed welcome to all delegations from various countries and universities. I hope you all enjoy the natural beauty of Kendari as part of the Indonesian archipelago, beautiful and charming maritime continent.

Halu Oleo University (UHO) Kendari as part of the nation's community has a strong vision of maritime development. This is reflected in UHO's vision, namely in 2045 to become the 250 leading universities in the world in science and technology for the continent of maritime, harmonization and sustainable prosperity.

To realize the vision of UHO 2045 specifically related to maritime affairs, UHO needs to develop maritime research in the form of basic research, applied research and development. UHO researchers need to collaborate with and collaborate with other researchers from both domestic institutions and universities.

The UHO Faculty of Engineering as the core of applied research and development in UHO in the field of technology needs to work together with various parties, especially with the government, business world and society in supporting the acceleration of maritime infrastructure development. The UHO Faculty of Engineering has a great responsibility to integrate and collect various expertise resources that exist both internally and externally to jointly develop maritime research. The acceleration of collaborative research between researchers and the government as policy makers and the business world and the community as users of research results is needed to support Indonesia's maritime vision. Therefore, I am very happy that the Faculty of Engineering UHO can hold an international seminar to accelerate the collaboration of

researchers from home and abroad in all fields related to maritime affairs.

I hope this international seminar can continue in the future to build a positive contribution to the development of the Indonesian maritime continent. Enjoy the seminar.

Kendari, 19 November 2018

Dean,

Dr. Edward Ngii

Technical Program

Program at-a-Glance

November 19, 2018 Monday			
Grand Clarion Hotel & Convention Kendari, Southeast Sulawesi, Indonesia			
07:30-08:30	Registration	Participants Registration & Conference Kits Collection	
November 19, 2018 Monday			Room
Grand Clarion Hotel & Convention Kendari			
08:30-08:40	Welcome performance by Mondotambe Traditional Dancing		Ball Room
08:40-08:50	Indonesia Raya National Anthem		Ball Room
08:50-09:00	ICMID Report	Dr. L.M. Golok Jaya (Chairperson of The Organizing Committee ICMID 2018)	Ball Room
09:00-09:10	Welcome Speech	Dr. Edward Ngii (Dean of Faculty of Engineering UHO)	Ball Room
09:10-09:30	Opening Speech	Prof. Muh. Zamrun (Rector of Universitas Halu Oleo)	Ball Room
09:30-09:45	Honorary Speech	Mr. H. Abu Hasan, M.Pd. (Regent of North Buton)	Ball Room
09:45-10:00	Group Photo & Coffee Break		
10:00-10:45	Keynote Speech I	Luhut Binsar Pandjaitan, MPA (Minister of maritime affairs coordinator, Republic of Indonesia)	Ball Room
10:45-11:30	Keynote Speech II	Prof. Muh. Zamrun (Rector of Universitas Halu Oleo)	Ball Room
11:30-12:15	Keynote Speech III	Prof. Kiril Tenekedjiev (Professor in Systems Engineering, University of Tasmania)	Ball Room
12:15-13:00	Lunch		
13:00-15:00	Session 1	Chairperson: Romi S. Edwin Tamburaka, Ph.D.	Phinisi 3
13:00-15:00	Session 2	Chairperson: Dr. Eng. Nyoman Sudiana	Azalea

13:00-15:00	Session 3	Chairperson: Hasmina Tari Mokui, Ph.D.	Acacia
15:00-15:30	Coffee Break		
15:30-17:00	Session 4	Chairperson: Mr. Baso Mursidi	Phinisi 3
15:30-17:00	Session 5	Chairperson: Mr. Masykur Kimsan	Azalea
15:30-17:00	Session 6	Chairperson: Mr. Al Azis Bahrn	Acacia
November 20, 2018 Tuesday			Room
Grand Clarion Hotel & Convention Kendari			
08:00-09:00	Invited Speech I	Dr. Iwan Hermawan (Earth Observatory of Singapore - NTU)	Ball Room
09:00-10:00	Invited Speech II	Prof. Dr. Ir. Riri Fitri Sari, MM., M.Sc. (UI Green Metric Program- Universitas Indonesia)	Ball Room
10:30-11:00	Group Photo & Coffee Break		
11:00-12:00	Invited Speech III		Ball Room
12:00-13:00	Lunch		
13:00-14:45	Session 7	Chairperson: Prof. Dr. Ma'ruf Kasim	Phinisi 3
13:00-14:45	Session 8	Chairperson: Romi S. Edwin Tamburaka, Ph.D.	Azalea
13:00-14:45	Session 9	Chairperson: Dr. La Ode Muh. Magribi	Acacia
14:45-15:30	Coffee Break		
15:30-17:00	Closing		Ball Room

November 19, 2018, Afternoon

Monday | Grand Clarion Hotel & Convention Kendari

Session 1 Chairperson: Romi S. Edwin Tamburaka, Ph.D. Room : Phinisi 3	
13:00-13:15	<p>[ICMID18-10SC] Characteristics of Quaternary Deep Sea Sediments Based on Grain size Analysis and LOI (Lost of ignition) on the Sumba Strait of East Nusa Tenggara</p> <p>Zulhikmah, Yuniarti Yuskar, Purna Sulastya Putra, Septriono Hari Nugroho and Tiggi Choanji Universitas Islam Riau, Indonesian Institute of Sciences (LIPI), Bandung, Indonesia, Indonesian Institute of Sciences (LIPI), Ambon, Indonesia</p>
13:15-13:30	<p>[ICMID18-18SC] Characterization of Liquid Volatile Matter Rice Husk Using Gas Chromatography</p> <p>Wa Ode Sitti Ilmawati, Muhammad Jahiding Mashuni, and Kinanti Universitas Halu Oleo, Indonesia</p>
13:30-13:45	<p>[ICMID18-22SC] Hybrid Method Analysis of Variance (ANOVA) and Loss Function to Analyzed Optimizing Composition of Fiber Baggase and Fly Ash</p> <p>L Laome, M Hasbi Universitas Halu Oleo, Indonesia</p>
13:45-14:00	<p>[ICMID18-34SC] Composition Chemistry And Distribution to Quality of Essential Oil From Rhizome E.elatior and E.calophyris By Gas Chromatography-Mass Spectrometry (GC-MS)</p> <p>Muhammad Aswan, Nur Arafah, I. Sahidin, Imran, Suryani, L.O. Ngkoimani Universitas Halu Oleo, Indonesia</p>
14:15-14:30	<p>[ICMID18-7SC] Stability Analysis and Reinforcement on Wall of Seropan Cave in Karst Zone</p> <p>Sulha, Ahmad Rifa'I, Minson Simatupang and Umran Sarita Universitas Halu Oleo, Indonesia</p>

14:30-14:45	<p>[ICMID18-45AE] Effect of Current Density on Hardness of Low Carbon Steel Electroplated by Copper, Nickel and Copper-Nickel</p> <p>Sudarsono Sudarsono, Irma Nurjannah and Aminur Aminur Universitas Halu Oleo, Indonesia</p>
14.45-15.00	<p>[ICMID18-55SC] Groundwater change detection by gravity measurement on northern coast of Java: a case study in Semarang City of Central Java of Indonesia</p> <p>Laode M Sabri, Bambang Sudarsono, Yadi Aryadi, Dwi Novianto Universitas Diponegoro, Badan Informasi Geospasial, Indonesia</p>
15:00-15:30	Coffee Break
<p>Session 2 Chairperson: Dr. Eng. Nyoman Sudiana Room : Azalea</p>	
13:00-13:15	<p>[ICMID18-42AE] Design of A Prototype System for Monitoring Air Quality for Smart City Implementation</p> <p>Yuni Aryani Koedoes, Samue Jie, Muh. Nadzirin Anshari Nur, Bunyamin Universitas Halu Oleo, Indonesia</p>
13:15-13:30	<p>[ICMID18-39AE] The Concept of Aquarium Building Design and the Ornamental Fish Market in Muara Baru: Through the Process of Healing Urban Acupuncture</p> <p>Eric Subroto, Fermanto Lianto Universitas Tarumanegara, Indonesia</p>
13:30-13:45	<p>[ICMID18-19PO] Floating Market in Muara Angke</p> <p>Mieke Choandi, Lourensy Jessica Berlian Universitas Tarumanegara, Indonesia</p>
13:45-14:00	<p>[ICMID18-36AE] Floating Houses Technology as Alternative Living on The Water</p> <p>Tri Endangsih, Ikaputra Universitas Budi Luhur, Universitas Gadjah Mada, Indonesia</p>
14:15-14:30	<p>[ICMID18-13PO] Community Based Tourism for the Concept of Village Tourism Facility Development in Papan Island</p>

	Irdinal Arief and Harifuddin Tahir Universitas Tadulako, Indonesia
14:30-14:45	[ICMID18-28PO] Carrying Capacity of Nambo Beach Tourism Destination in Kendari City as Implementation of National and Regional Tourism Policies Sitti Hairani Idrus, La Ode Muh. Golok Jaya Universitas Halu Oleo, Indonesia
14:45-15:00	[ICMID18-24PO] Analysis of Torobulu – Tampo Port Service Performance to Improve Mobility of People and Good Movements Adris A. Putra, Edward Ngii, Rudi Balaka, Mappa Nashrun, Harsawan Universitas Halu Oleo, Indonesia
15:00-15:30	Coffee Break
Session 3 Chairperson: Hasmina Tari Mokui, Ph.D. Room : Acacia	
13:00-13:15	[ICMID18-38AE] The Analysis of Work Acceleration in Tower Construction of Sultra Bank Using Fast Track Method and Cost Trade Time Off Nur Hizrah, Susanti Djalante, Fitriah Mashud Universitas Halu Oleo, Indonesia
13:15-13:30	[ICMID18-23SC] Analysis of Longshore Sediment Transport at The Estuaries of Jeneberang River and Tallo River Caused by Waves on Coast of Makassar Riswal Karamma, M.Saleh Pallu, M.Arsyad Thaha, Mukhsan Putra Hatta, A.Subhan Mustari, Ahmad Syarif Sukri Universitas Hasanuddin, Universitas Halu Oleo, Indonesia
13:30-13:45	[ICMID18-12SC] Technical Feasibility Analysis of Waode Buri-Lelamo Port as Local Feeder Port in North Buton Regency Southeast Sulawesi Province S Ramadan, I Kadir, M Z Umar and L M N Arsyad Universitas Halu Oleo, Indonesia

13:45-14:00	<p>[ICMID18-51SC] The magnetic susceptibility of undeformed dacite intrusions within the Kolaka fault zone, SE Sulawesi, Indonesia</p> <p>L.O. Ngkoimani, Jahidin, Suryawan Asfar, La Hamimu, Harisma Buburanda Universitas Halu Oleo, Indonesia</p>
14:15-14:30	<p>[ICMID18-53SC] Proximate analysis of coal quality from Uluiwoi District, Kolaka Timur Regency, Southeast Sulawesi Province</p> <p>Jahidin, Harisma Buburanda, Suryawan Asfar, La Hamimu, La Ode Ngkoimani Universitas Halu Oleo, Indonesia</p>
14:30-14:45	<p>[ICMID18-43SC] Shear Strength Analysis of Reduced Beam Section (RBS) on Castellated Beam</p> <p>Nini Hasriyani Aswad, Tachrir, Herman Parung, A. Arwin Amiruddin Universitas Halu Oleo, Universitas Hasanuddin, Indonesia</p>
14:45-15:00	<p>[ICMID18-49SC] The Correlation of Magnetic Susceptibility and Fe, Zn, Mn, Content of Topsoil Samples and its Relationship with Land Use Activities in Kendari City</p> <p>La Ode Ngkoimani, Hasriani, Ramlia, La Ode Safiuddin, Jahidin Universitas Halu Oleo, Indonesia</p>
15:00-15:30	Coffee Break
<p>Session 4 Chairperson: Mr. Baso Mursidi Room : Phinisi 3</p>	
15:30-15:45	<p>[ICMID18-29AE] Carbon Stocks Mapping of Mangrove Forest in North Buton Indonesia using Combination of Optical and Radar Imagery in the Perspective of Climate Change Mitigation</p> <p>Laode M Golok Jaya, Muhammad Yamin, Ika Purwanti Ningrum, Jamhir Safani, Sitti Hairani Idrus and Ketut Wikantika Universitas Halu Oleo, Institut Teknologi Bandung, Indonesia</p>
15:45-16:00	<p>[ICMID18-32SC] Fuzzy Logic Methods to Identify Potential Area Mapping for Mangrove Forests in Kendari Using Landsat Image</p>

	Ika Purwanti Ningrum, Sutardi, Rizal Adi Saputra, Adha Mashur Sajiah, Syamsul Razak Haraty, Hasran Jaya Universitas Halu Oleo, Indonesia
16:00-16:15	[ICMID18-17AE] Geothermal Energy Mapping Based on Land Surface Temperature Analysis of Remote Sensing Satellite Imagery (Case Study: North Konawe District)
	Laode M Golok Jaya and Andri Suprayogi Universitas Halu Oleo, Universitas Diponegoro, Indonesia
16:15-16:30	[ICMID18-31SC] Fuzzy Analysis to Determine Potential Catching Areas of Skipjack Tuna on Southeast Sulawesi Waters
	Ika Purwanti Ningrum, Rizal Adi Saputra, Jayanti Yusmah Sari, Mutmainnah Muchtar, Ismail Yushar Universitas Halu Oleo, Indonesia
16:30-16:45	[ICMID18-5AE] Analysis morphometric and morphotectonic DAM Pelosika Using Remote Sensing and GIS Method
	Suryawan Asfar, Andi Makkawaru and Sayahdin Alfat
16:45-17:00	[ICMID18-30AE] Geometric Accuracy Assesment Of Orthorectification Method Based On Sensor Model Refinement In Open Source System Environment (Case Study: Sangir Subdistrict, South Solok District, West Sumatra Province)
	Andri Suprayogi and La Ode Muh. Golok Jaya Universitas Diponegoro, Universitas Halu Oleo, Indonesia
Session 5 Chairperson: Mr. Masykur Kimsan Room : Azalea	
15:30-15:45	[ICMID18-21PO] Coastal Landuse Change and The Need of Greenspace Based Development Coastal Area Settlement of South Sulawesi
	Husni Kotta, M, Arman Faslih, La Ode Amrul Hasan Universitas Halu Oleo, Indonesia
15:45-16:00	[ICMID18-9SC] Modern Analogue of Shaly Sand Reservoir on Coastal Plain in Selat Baru, Bengkalis Island, Indonesia

	Yuniarti Yuskar, Tiggi Choanji, Dewandra Bagus Eka Putra, Shanaz Noveta Bastira, Adi Suryadi, Dilla Permata Sari, Harisma Universitas Islam Riau, Universitas Padjadjaran, Universitas Halu Oleo, Indonesia
16:00-16:15	[ICMID18-11PO] Modernization of Seaweed Cultivation Method As one of the strategies to increase farmers' income Ma'ruf Kasim, Budiyanto, Sarini Djusuf Abadi Universitas Halu Oleo, Indonesia
16:15-16:30	[ICMID18-4PO] Sustainability of Sulaa Coastal Areas as Heritage Assets of Baubau in Southeast Sulawesi Ishak Kadir, Sachrul Ramadhan and Muhammad Zakaria Umar Universitas Halu Oleo, Indonesia
16:30-16:45	[ICMID18-8AE] Effect of Water Content in Changing the Bearing Capacity of Subgrade (Case Study: Kendari-Moramo Road, Konawe Selatan) Fitriah Mas'ud, Sulha, Romy S.Edwin, Umran Sarita, Ridwansyah Nuhun, Mega Dwi Anita Universitas Halu Oleo, Indonesia
16:45-17:00	[ICMID18-56SC] Microwave Processing Silica Ceramic Derived from Rice Husk Ash I N Sudiana, L Aba, L Lestari, H Aripin, M Z Firihi, S Mitsudo Universitas Halu Oleo, Universitas Siliwangi, Indonesia, University of Fukui, Japan
Session 6 Chairperson: Mr. Al Azis Bahrn Room : Acacia	
15:30-15:45	[ICMID18-26AE] Potential use of pomalaa nickel slag as a substitute for sand in brick making Edward Ngii, BasoMursidi, Yogi Yudhistira Umar Civil Engineering Dept., Faculty of Engineering, Universitas Halu Oleo, Indonesia
15:45-16:00	[ICMID18-50AE] Evaluation of bottom ash composition on modified hollow brick design with sago husk as filler

	<p>Kurniati Ornam, Masykur Kimsan , La Ode Ngkoimani, Siti Belinda Amri, Santi, and Syafrianto Amsyar Universitas Halu Oleo, Indonesia</p>
<p>16:00-16:15</p>	<p>[ICMID18-6SC] Numerical Investigation of Structural Analysis on Sandwich Material Using Finite Element Method</p> <p>Sayahdin Alfat Universitas Halu Oleo, Indonesia</p>
<p>16:15-16:30</p>	<p>[ICMID18-52AE] Performance level evaluation of modified hollow bricks utilization for housing</p> <p>Masykur Kimsan, Kurniati Ornam, Siti Belinda Amri, Santi, and Syafrianto Amsyar Universitas Halu Oleo, Indonesia</p>
<p>16:30-16:45</p>	<p>[ICMID18-40SC] Effect of Compaction Pressure on Quality of Activated Charcoal Briquette Made from Sago Stem Midrib Material</p> <p>L Lestari, V I Variani, M Z Firihi, S Raharjo, I Saleh, and Nining Aprilla Universitas Halu Oleo, Indonesia</p>
<p>16:45-17:00</p>	<p>[ICMID18-3AE] Concrete Brick Material from Nambo Sea Sand and Nambo Excavated Sand</p> <p>Arman Faslih and Muhammad Zakaria Umar Universitas Halu Oleo, Indonesia</p>

November 20, 2018, Afternoon

Tuesday | Grand Clarion Hotel & Convention Kendari

Session 7 Chairperson: Prof. Dr. Ma'ruf Kasim Room : Phinisi 3	
13:00-13:15	<p>[ICMID18-1SC] Transportasion Demand Analysis Using Taxy Mode in Kendari City</p> <p>La Ode Muhammad Magribi, Susanti Djalante, Muhammad Anas Pradiharja Universitas Halu Oleo, Indonesia</p>
13:15-13:30	<p>[ICMID18-15PO] Performance and Perception of User Trans Lulo Service Users in Kendari City</p> <p>Laode Mahdiyanto Samara, Laode Muhammad Magribi, Susanti Djalante Universitas Halu Oleo, Indonesia</p>
13:30-13:45	<p>[ICMID18-25PO] Cost Analysis of Traffic Accidents and Loss of Value of Productivity Victims of Traffic Accident Personal Vehicle with Four Wheels of Time Value in Kendari City</p> <p>Nasrul, Rudi Balaka, Multi Bahari La Ode, Muammar Makmur Universitas Halu Oleo, Indonesia</p>
13:45-14:00	<p>[ICMID18-16PO] Assesing The Peformance of Passenger Transport Service Terminal in Kendari City</p> <p>Rudi Balaka, Ridwansyah Nuhun, Thahir Azikin and Laode M. Agum Gumelar Universitas Halu Oleo, Indonesia</p>
14:15-14:30	<p>[ICMID18-27AE] Service Desk Application (SDA) as Media to Improve Maintenance Services and improvements of Campus Assets in Polytechnic State of Cilacap</p> <p>Riyadi Purwanto, Muh Yamin, Laode M Golok Jaya, Yuspian Gunawan Politeknik Negeri Cilacap, Universitas Halu Oleo, Indonesia</p>
14:30-14:45	<p>[ICMID18-57SC] The Effect of Magnesium Oxide (MgO) on Properties of High Purity Alpha Alumina</p>

I N Sudiana, L Aba, H Aripin, K G Suastika, S Mitsudo, M Z Firihi
 Universitas Halu Oleo, Universitas Siliwangi, Universitas
 Palangkaraya, Indonesia
 University of Fukui, Japan

Session 8

Chairperson: Romi S. Edwin Tamburaka, Ph.D.

Room : Azalea

13:00-13:15	<p>[ICMID18-37PO] Feasibility Study for Renewable Energy Based Micro Grid System for Kabaena Island South East Sulawesi</p> <p>Mansur, Salama Manjang, Ardiaty Arief, Yusri Syam Akil Universitas Hasanuddin, Universitas Halu Oleo, Indonesia</p>
13:15-13:30	<p>[ICMID18-20SC] The Potential of Plastic Waste for Utilizing into Pyrolysis Oil Have to Support Independent Energy Communities in Kendari City</p> <p>Yuspian Gunawan, La Karimuna, La Ode Magribi, Lukas Kano Mangalla, Ridway Balaka, Mustarum Musaruddin, Salimin, Jenny Delly, Bunyamin, Abdul Johar, Ahmad Syarif Syukri, Aminur, Prinop Aksar Universitas Halu Oleo, Indonesia</p>
13:30-13:45	<p>[ICMID18-46PO] Analysis of Islamic Center Planning with Ecological Architecture Approach in Kendari City</p> <p>Adelila Haksika Fisika Ratna and Irma Nurjannah Universitas Halu Oleo, Indonesia</p>
13:45-14:00	<p>[ICMID18-48PO] Space Utilization Optimization New Campus of Halu Oleo University</p> <p>La Ode Amrul Hasan, Yudhi Dwi Hartono, Arif Saleh, Alim Bahri Universitas Halu Oleo, Universitas Muhammadiyah Kendari, Indonesia</p>
14:15-14:30	<p>[ICMID18-44SC] Dynamic Behavior of Human Tympanic Membrane Perforation Using Finite Element Method</p> <p>Hidayat Hidayat, Sudarsono Sudarsono and Rozaini Othman Politeknik Negeri Samarinda, Universitas Halu Oleo, Indonesia, Universiti Teknologi MARA Pulau Pinang, Malaysia</p>

14.30-14.45	<p>[ICMID18-54PO] The Study of Dynamic of Coastal Resource Community-Based Management in Wabula Village of Buton Regency</p> <p>La Nalefo, Bahtiar, Salahuddin, and Ine Fausayana Universitas Halu Oleo, Indonesia</p>
<p>Session 9 Chairperson: Dr. La Ode Muh. Magribi Room : Acacia</p>	
13:00-13:15	<p>[ICMID18-35AE] Design and Development of Automatic Main Failure (AMF) Control System Using Plc Based SMS</p> <p>Sry Defi, Luther Pagiling, Muh. Nadzirin Anshari Nur Universitas Halu Oleo, Indonesia</p>
13:15-13:30	<p>[ICMID18-41AE] Turbine Design of Electricity Power Plant Using Oscillating Water Column Technology Using Ansys 16.0 Program</p> <p>Jenny Delly, Al Ichlas Imran, Baso Mursidi Universitas Halu Oleo, Indonesia</p>
13:30-13:45	<p>[ICMID18-33SC] Experimental Study on The Performance Characteristics of a Microwave - Solar Heating Dryer</p> <p>Mangalla L.K., Lolok A., Delly J., Kadir, Samhuddin, Kadir A., Sudia B., Pagiling L. Universitas Halu Oleo, Indonesia</p>
13:45-14:00	<p>[ICMID18-14AE] Smart kWh Meter for Improved Power System Security and Resiliency</p> <p>Barakah Aswad, Fitra Rachmad Tullah, Dudi Rahman, Hasmina Tari Mokui Universitas Halu Oleo, Indonesia</p>
14:15-14:30	<p>[ICMID18-47AE] Application of Under-Frequency Relay (UFR) in Load Shedding Scheme for System Stability (A Case Study on PT. PLN Kendari)</p> <p>Tachrir, Samuel Jie, Bunyamin, Abdul Djohar Universitas Halu Oleo, Indonesia</p>

14:30-14:45

[ICMID18-2SC] A Dimensionless Perspective of Thermal Effect Variations on Crack Growth Using Adaptive Finite Element Method in Homogeneous Material

Sayahdin Alfat, Masato Kimura and Suryawan Asfar
Universitas Halu Oleo, Indonesia

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Session 1

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Session 2

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