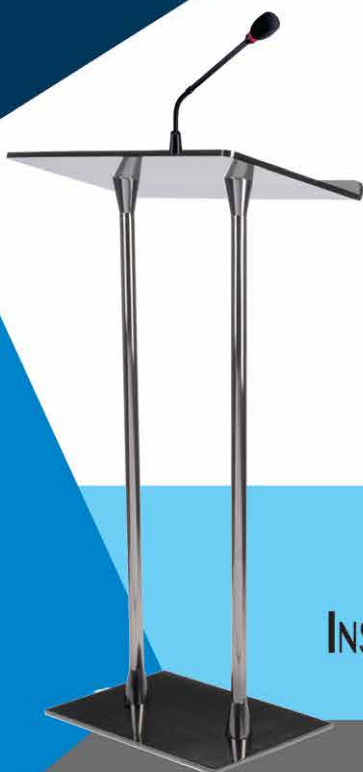


AGENDA

17th - World Conference on Applied Science, Engineering and Technology



WCASET - 2019

15th - 16th March, 2019

JAKARTA, INDONESIA

ORGANIZED BY
INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION (IFERP)

AGENDA - WCASET-2019

DAY - 1

8:30 am - 9:00 am	Registration
9:00 am - 9:10 am	Inaugural
9:10 am - 9:20 am	Introduction Speech about IFERP & WCASET By Mr. Siddh Kumar (Director of Technoarete Research and Development Association)
9:20 am - 9:25 am	Welcome Speech by Mr. George Barber (Country Manager, Terra Energy and Resource Technologies, Indonesia)
9:25 am - 9:30 am	Welcome Speech By Prof Intan Ahmad, Ph.D. (Rector of Universitas Negeri Jakarta, Indonesia)
9:30 am - 9:35 am	Welcome Speech By Hira Meidia, Ph.D. (Vice Rector of Universitas Multimedia Nusantara, Indonesia)
9:35 am - 9:40 am	Welcome Speech by Conference Chair – Dr. Erry Yulian T. Adesta
9:35 am - 9:45 am	Welcome Speech by Conference Co-Chair – Dr. Bambang Sugiyono Agus Purwono
	Applied Science Session(Education & Management)
9:45 am -10:00 am	Keynote Speech by Prof Intan Ahmad, Ph.D.
10:00 am -10:15 am	Coffee Break
10:15 am - 10:30 am	Session Introduction by Dr. I Made Putrawan
10:30 am -10:40 am	Oral Presentation by Zawawi Achmad LINKING LEADERSHIP STYLES AND ORGANIZATIONAL CULTURE TO ORGANIZATIONAL COMMITMENT (The Mediating Role of Procedural Justice in Automotive Industry)
10:40 am -10:50 am	Oral Presentation by Asip Suryadi EXPERIENTIAL LEARNING BASED ONLINE TRAINING DEVELOPMENT IN JAKARTA RELIGION AFFAIR TRAINING CENTER
10:50 am - 11:00 am	Oral Presentation by Ifik Arifin The Role of Facilitators in a collaborative online learning Environment
11:00 am - 11:10 am	Oral Presentation by Pramis B. Wibawa DOES EXTRINSIC MOTIVATION ON CONSUMER BEHAVIORS IN SOCIAL COMMERCE SITES MATTER BEHAVIORS IN SOCIAL COMMERCE SITES MATTER TO MILLENNIALS?
11:10 am -11:20 am	Oral Presentation by Supriyatin The role of Leadership as Mediated Factor between Work Team and Communication with Employees Organizational Culture
11:20 am - 11:30 am	Oral Presentation by I Made Putrawan The Role of Education on Gender Equality Related to Knowledge about Ecosystem, Locus of Control and Students' New Environmental Paradigm (NEP): A Comparative Analysis
11:30 am - 11:40 am	Oral Presentation by Diana Vivanti Sigit THE EFFECT OF ADVERSITY QUOTIENT AND GENDER TO LEARNING OUTCOME OF HIGH SCHOOL STUDENTS
11:40 am - 11:50 am	Oral Presentation by Adam Rumbalifar THE INFLUENCE OF THE ASSESSMENT MODEL AND METHOD TOWARD THE SCIENCE LEARNING ACHIEVEMENT BY CONTROLLING THE STUDENTS' PREVIOUS KNOWLEDGE OF MATHEMATICS

AGENDA - WCASET-2019

- 11:50 am -12:00 pm *Oral Presentation by Sri Rahayu*
Stabilizing Cooking Oil by Mangosteen (Garcinia mangostana L.) Peel Crude Extract
- 12:00 pm -12:10 pm *Oral Presentation by Abdul Wahab Samad*
Evaluation of One Stop Services of Employment Placement, Protection and Expansion Programs of Gianyar Regency - Bali
- 12:10 pm -12:20 pm *Oral Presentation by Krisno Legowo*
SOCIAL CONFLICT SETTLEMENT IN INDONESIAN CONTEXT:
WHAT TYPE OF LEADERSHIP COMPETENCE REQUIRED?
- 12:20 pm -12:30 pm *Oral Presentation by Ruslan Irianto Simbolon*
Model of Collective Bargaining for Productivity Improvement
"A case study from indonesia manufactruring company"
- 12:30 pm -12:40 pm *Oral Presentation by Suhada*
THE EFFECT OF LEARNING STRATEGY E-LEARNING AND STUDENT'S INDEPENDENCE IN LEARNING TO
LEARNING RESULTS OF LEARNING TAFSIR
- 12:40 pm -12:50 pm *Oral Presentation by Narulita Syarweni*
Determinants of Lecturers' Performance in the State Polytechnic of Jakarta
- 12:50 pm -1:00 pm Group Photo**
- 1:00 pm - 2:00 pm Lunch Break**
- Engineering Session**
- 2:00 pm - 2:15 pm *Keynote Speech by* Dr. Hira Meidia
- 2:15 pm - 2:30 pm *Session Introduction by* Dr. Bambang Sugiyono Agus Purwono
- 2:30 pm - 2:40 pm *Oral Presentation by Jalu Prakosa*
The Experimental Studies of Adaptive Control to Stabilize the Automatic Unmanned Mini Quadrotor Helicopter Position
- 2:40 pm - 2:50 pm *Oral Presentation by Dian Kamila*
The Limiting Physical Parameter of Nakayasu Synthetic Unit Hydrograph
- 2:50 pm - 3:00 pm *Oral Presentation by Neil Balba*
Design and Development of a Home-based Uric Acid/ pH Level Analysis Device for Gout Patients: A Health Information Technology Application (HIT)
- 3:00 -pm 3:10 pm *Oral Presentation by Neil Balba*
i Donate: A Blood Donors Information Management System in the Philippines Using Spatial Analysis Algorithms
- 3:10 pm - 3:20 pm *Oral Presentation by Neil Balba*
Environmental Mapping of the Different Barangays in the Philippines with the Implementation of Breadth-First Search Algorithm
- 3:30 pm - 3:40 pm *Oral Presentation by Kanisius Karyono*
Accessibility, UX Metrics and Gamification Approach in Embedded System

AGENDA - WCASET-2019

- 3:40 pm - 3:50 pm *Oral Presentation by Joshua Baz*
A Collection Management System for USC Museum
- 3:50 pm - 4:00 pm *Oral Presentation by John Rex Paña*
2Cebu: A Travel Guide Web Application for Assisting Tourists in the Province of Cebu
- 4:00 pm - 4:15 pm Coffee Break**
- 4:15 pm - 4:25 pm *Video Presentation by Zuhair M. Hejazi*
Improved Isolation Coupling & Performance of a Compact 2-Element Microstrip Patch Antenna Array using Novel Corrugated Structures
- 4:25 pm - 4:35 pm *Oral Presentation by Thanh Quang Khai Lam*
Effect of each shell thickness on deformation stress and the ability for causing the cracks in the multilayer doubly curved shell roof
- 4:35 pm - 4:45 pm *Oral Presentation by Rhonnel Paculanan*
LPG Leakage Detector using Arduino with SMS Alert and Sound Alarm
- 4:45 pm - 4:55 pm *Oral Presentation by Neil Balba*
SOLAR ENERGY HARNESSING OPTIMIZATION ALGORITHM IN A ROBOTIC SOLAR TRACKER WITH ARDUINO BASED MONITORING SYSTEM
- 4:55 pm - 5:05 pm *Oral Presentation by Neil Balba*
Analysis and Employment of the Use of Ant Colony Algorithm to Eliminate Liquefaction, Soil Erosion and Landslides in Some Areas in the Philippines
- 5:05 pm - 5:15 pm *Oral Presentation by Neil Balba*
Design and Development of Artificial Intelligence Tourist Guide Navigator Using Levenshtein Algorithm
- 5:15 pm - 5:25 pm *Oral Presentation by Md. Hazrat Ali*
Shape optimization in 3D printing applying composite polymers
- 5:25 pm - 5:35 pm *Vote of Thanks by Moderator*
- 5:35 pm - 5:50 pm Feedback**

AGENDA - WCASET-2019

DAY - 2

8:30 am - 9:00 am

Registration

**Applied Science Session(Education & Management)
Session Chair - Dr. I Made Putrawan**

9:00 am - 9:10 am

Oral Presentation by James Tangkudung

Sport Psychometric Through e-Learning: Offline, Edmodo, and Mobile Learning

9:10 am - 9:20 am

Oral Presentation by Muhamad Suhardi

MOTIVATION, STRATEGY AND SUPPORTING PROCES FOR INCREASE RESEARCH PRODUCTIVITY IN HIGHER EDUCATION INSTITUTION

9:20 am - 09:30 am

Oral Presentation by Yuka Agustin Chalistya

THE EFFECT OF PERSONALITY AND INTEGRITY TO AFFECTIVE ORGANIZATIONAL COMMITMENT

9:30 am - 9:40 am

Oral Presentation by baequni

The School-Based Pesantren in Border State, An Alternative to Character Education for Children of Indonesian Migrant Workers ?

9:40 am - 9:50 am

Oral Presentation by Shioleh muhamad sholeh

EVALUATING THE IMPLEMENTATION OF TEACHERS' ASSIGNMENT AS SCHOOL PRINCIPALS PREPARSTIONN PROGRAM IN BONTANG

9:50 am - 10:00 am

Oral Presentation by Rusmasari Marisya

EDUCATION AND TRAINING EVALUATION FOR APPARATUS IN REGIONAL PUBLIC HOSPITAL

10:00 am -10:10 am

Oral Presentation by RATNA KOMALA

Organic Pollution in Mangrove Ecosystem at Tidung Island Kepulauan Seribu, Jakarta Indonesia

10:10 am - 10:20 am

Oral Presentation by Muktiningsih Nurjayadi

Rapid Detection of Shigella flexneri on Egg Samples by the Real Time Polymerase Chain Reaction Method

10:20 am - 10:35 am

Coffee Break

10:35 am - 10:45 am

Oral Presentation by Fatma Asmi Agus

ROLE PLAYING LEARNING IN EARLY CHILDHOOD ON BHAYANGKARI 29 KINDERGARTEN JAMBI THROUGH PHENOMENOLOGY APPROACH

10:45 am - 10:55 am

Oral Presentation by Uswadin usman

Student Management Model in The Character Development: A Case Study in Laboratory School

10:55 am - 11:05 am

Oral Presentation by Heni Handayani

Regional Autonomy in West Kalimantan: Implementation and Challenges towards Education Development

11:05 am - 11:15 am

Oral Presentation by I Made Budiana

Talent Management Strategy of Employee Engagement

11:15 am - 11:25 am

Oral Presentation by Ali Maulana Hakim

The Relationship Between Instructional Leadership, Locus of Control, And Personality With Citizenship Behavior

AGENDA - WCASET-2019

11:25 am - 11:35 am	<i>Oral Presentation by AGUS SUTARNA</i> EFFECTIVENESS OF MANAGEMENT, CULTURAL ACADEMIC LECTURER'S INTEGRITY TO THE OF COMMITMENT AS LECTURER LECTURER IN IMPROVEMENT QUALITY LEARNING AT BANI SALEH FOUNDATION COLLEGE
11:35 am - 11:45 am	<i>Oral Presentation by Muchlas Suseno</i> The Academic Use of Smartphone in English Classes
11:45 am - 11:55 am	<i>Oral Presentation by Muhammad Dimiyati</i> THE EFFECT OF SUPERVISION, SELF EFFICACY AND WORK COMMITMENT WITH PROFESSIONALITY OF TEACHER (Survei at Junior High School in East Jakarta)
11:55 am - 12:05 pm	<i>Oral Presentation by Endang Kartika Wahyuningsih</i> THE EFFECT ON ADVERSITY QUOTIENT (AQ) AND COMPENSATION OVER TURNOVER INTENSION
12:05 pm - 12:15 pm	<i>Oral Presentation by Muhammad Fazis</i> Change Management of Islamic Boarding Schools (Phenomenology Study at the Sumatra Thawalib Parabek Islamic Boarding School Bukitinggi)
	Engineering Session
12:15 pm - 12:30 pm	<i>Session Introduction by</i> Dr. Neil P. Balba
12:30 pm - 12:40 pm	<i>Oral Presentation by Jared Harem Q. Celis</i> Web-Based Faculty Evaluation with Recommendation Support Module using Analytic Hierarchy Process Algorithm
12:40 pm - 12:50 pm	<i>Oral Presentation by Yusriani Sapta Dewi</i> The Influence of Personal Hygiene and A Healthy Lifestyle on Environmental Sanitation
12:50 pm - 1:00 pm	<i>Oral Presentation by Seng Hansun</i> Central Jakarta Air Quality Forecast based on PM2.5
1:00 pm - 1 :10 pm	Group Photo
1:10 pm - 2:10 pm	Lunch
2:10 pm - 2:20 pm	<i>Oral Presentation by Marmelo V. Abante</i> Intensive Analysis of Using Genetic Algorithm Towards Determining Skin Type Diseases
2:20 pm - 2:30 pm	<i>Oral Presentation by Charvin Kelsey Lacsina</i> A Computer Created Experience of Noli Me Tangere (Touch Me Not) using Virtual Reality: An Educational Perspective
2:30 pm - 2:40 pm	<i>Oral Presentation by Neil Balba</i> iSAKAY: Android Based Booking System for Tri-Bike Operators and Drivers Association with Cloud-Based Data Analytics
2:40 pm - 2:50 pm	<i>Oral Presentation by Neil Balba</i> Design and Development of A Multi-Purposed Arduino Based Solar Powered Bird-Pest Deterrent Device
2:50 pm - 3:00 pm	<i>Oral Presentation by Thi My Dung Do</i> Solutions to improve the quality of mass concrete construction in climate conditions of Southern Vietnam

AGENDA - WCASET-2019

- 3:00 pm - 3:10 pm *Oral Presentation by Vega Sari*
Effectiveness of Muara Angke Polder System in North Jakarta
- 3:10 pm - 3:20 pm *Oral Presentation by Marmelo V. Abante*
Analyzing and Recognizing Facial Patterns Using Local Binary Pattern and Data Compression
- 3:20 pm - 3:30 pm *Oral Presentation by Anndee Christian Tumulak*
Detection of Philippine Musa Leaf Fusarium Wilt Disease Using Image Processing Techniques
- 3:30 pm - 3:40 pm *Oral Presentation by Mirafe R. Prospero*
Analyzing the Quality of Phaseolus Vulgaris Family of Legumes Using Artificial Neural Network and "Bag of Features" Techniques
- 3:40 pm - 3:50 pm *Oral Presentation by Zainab Hamzah*
Automated Cleaning of Edible Bird Nest using Microbubble Technique
- 3:50 pm - 4:00 pm *Oral Presentation by Flordeliza R. Fernandez*
Trend Community Healthcare Analysis: A Predictive Approach
- 4:00 pm - 4:15 pm Coffee Break**
- 4:15 pm - 4:25 pm *Oral Presentation by Marmelo V. Abante*
Analyzing the Efficiency and Effectiveness of Implementing Singly Linked Lists on Web Browser History and Operating System Processes: A Basis for Standard Evaluation
- 4:25 pm - 4:35 pm *Oral Presentation by Arman Bernard G. Santos*
Disaster Risk Reduction Mitigation and Preparedness in the Development and Emergency Planning Using Spatial Analysis
- 4:35 pm - 4:45 pm *Oral Presentation by Jerome L. Liwanag*
Model Development for Cardiovascular Disease Recognition Using Image Processing Techniques
- 4:45 pm - 4:55 pm *Oral Presentation by Neil Balba*
Determining the Proximity of Man-Made Disaster Through an Aid of K-Nearest Neighbor: A Basis or Risk Reduction Plan Framework
- 4:55 pm - 5:05 pm *Oral Presentation by Neil Balba*
Moving Towards Resiliency of Computer and Its Usage to the Faculty of Romblon State University: A Basis for Technological Standards Leading to Transformational Perspective
- 5:05 pm - 5:15 pm *Oral Presentation by Neil Balba*
Intensive Analysis of Using Clustering Method Towards Identifying Polluted Areas in the Province of Romblon
- 5:15 pm - 5:25 pm *Oral Presentation by Hannah Barberra Asis*
Devata Warriors: A Mobile Game-Based Filipino Mythical Riddle
- 5:25 pm - 5:40 pm Awards & Certificate Distribution**
- 5:40 pm - 5:45 pm Vote of Thanks by Moderator**
- 5:45 pm - 6:00 pm Feedback**