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TABLE OF CONTENTS

ETAR 2016 CONFERENCE ORGANIZING COMMITTEE IX
ORGANIZED BY XI
CONFERENCE CHAIR MESSAGE XII
TYPE OF ETAR PAPERS XIV
REVIEWING CRITERIA XIV
ACKNOWLEDGMENT XVI
SCIENTIFIC REVIEW COMMITTEE XVII
KEYNOTE SPEAKERS XXVIII
PROF. DR. GHAZALI BIN SULONG XXVIII
JAY P. SAH(PH. D.) XXIX
VIVI ANDASARI (PH.D.) XXX
ASSOC. PROF. DR. MUHAIMIN ISMOEN XXXII
ETAR 2016 TRACK'S CHAIRS XXXIV
ETAR 2016 PANELS XXXV
BEST PAPER NOMINEE LIST XXXVI
ETAR 2016 BEST PAPER AWARD WINNER XXXVIII
ETAR 2016 CONFERENCE COMMITTEE XXXIX
LIST OF CONFERENCE GUESTS LV
TRACK A: BUSINESS MANAGEMENT & ECONOMIC STUDIES 57

1. E-COMMERCE IMPACT ON INDONESIAN SMALL MEDIUM ENTERPRISE IN ASEAN ECONOMIC COMMUNITY ERA: ECONOMIC EFFECT 58
2. UNDERGRADUATE STUDENTS' INTEREST TO ENTREPRENEURSHIP AT LAMBUNG MANGKURAT UNIVERSITY 59
3. THE INFLUENCE OF COMPANY AGE AND OWNER'S/MANAGER'S EDUCATION ON THE ACCOUNTING INFORMATION APPLICATION IN SMALL AND MEDIUM ENTERPRISES 60
4. IMPACTS OF OIL PALM ON FARMER'S WELFARE, INCOME DISTRIBUTION AND POVERTY ALLEVIATION 61

5. THE ESTABLISHMENT OF CULTURE OF MICRO, SMALL, MEDIUM INFORMATION MANAGEMENT SYSTEM DESIGN BASED ON JAVA WEB 62
6. ANTECEDENT FACTORS IN THE IMPLEMENTATION OF ACCOUNTING SYSTEM AND PERFORMANCE OF INFORMATION SYSTEM (READINESS OF THE IMPLEMENTATION FOR ACCRUAL BASED FINANCIAL REPORTING ON THE LOCAL GOVERNMENT IN SOUTH KALIMANTAN, INDONESIA) 63

TRACK B: SOCIAL SCIENCES & HUMANITIES 64

7. DEVELOPMENT OF STUDENT'S BOOK CHARACTERIZING REALISTIC MATHEMATICS EDUCATION ON TRIANGLE FOR GRADE VII JUNIOR HIGH SCHOOL STUDENTS 65
8. DEVELOPMENT OF STUDENT'S BOOK CHARACTERIZING REALISTIC MATHEMATICS EDUCATION ON TRIANGLE FOR GRADE VII JUNIOR HIGH SCHOOL STUDENTS 66
9. ANALYSIS OF URBAN CONFLICT NETWORKS: THEORETICAL AND METHODOLOGICAL PERSPECTIVES .. 67
10. TOWARD ELDERLY FRIENDLY PLACE MAKING: CONCEPTS AND STEPS 68
11. LOWER SECONDARY SCHOOL STUDENTS' WRITTEN MATHEMATICAL COMMUNICATION BASED ON GENDER. 69
12. THE URGENCY OF LOCAL ACT DRAFT ON CORPORATE SOCIAL RESPONSIBILITY (CSR) IN WAY KANAN 70
13. DEVELOPMENT MODULE PHYSICS ON SUBJECT MATTER TEMPERATURE AND HEAT INTEGRATION LOCAL WISDOM IN MAKING COCONUT OIL 71
14. CITY BRANDING BANJARMASIN BAIMAN BY SOCIAL MEDIA AND BELOW THE LINE MEDIA 72
15. REDOX REACTION LEARNING BY USING FIELD DEPENDENT-FIELD INDEPENDENT COGNITIVE STYLE BASED MODEL 73
16. MORAL JUDGEMENTS AND GENDER OF THE STUDENTS IN TEACHING AND LEARNING IN CIVICS EDUCATION 74
17. ECONOMIC DEVELOPMENT STRATEGY OF COASTAL COMMUNITY IN KOTABARU REGENCY 75
18. DIAMOND TRADER PRACTICE: ACCESS AND UTILIZE CAPITAL ON DIAMOND TRADING IN MARTAPURA, SOUTH BORNEO 76

19. THE EFFECT OF INSTRUCTIONAL STRATEGIES ON STUDENT ACHIEVEMENT IN PHYSICS: A META-ANALYSIS STUDY VIEWED FROM TOPICS OF PHYSICS AND KINDS OF STUDENT ACHIEVEMENTS 77
20. CHANGING PARADIGM OF INTELLIGENCES THROUGH IMPLEMENTATION OF MULTIPLE INTELLIGENCES THEORY IN SCIENCE CLASSROOM 78
21. RURAL COMMUNITY BEHAVIOR IN THE FRAMEWORK OF COMMUNITY EMPOWERMENT FOR SUSTAINABLE CONSERVATION FOREST MANAGEMENT 79
22. THE MAPPING OF FLOOD RISK AREA 80
23. ANALYSIS OF POTENTIAL MANDIRI AREAS CULINARY TOURISM (KWKM) IN POS STREET BANJARMASIN 81
24. POLITICAL CLIENTELISM IN CENTRAL KALIMANTAN: EVIDENCE OF DECENTRALIZATION AND DEMOCRATIZATION PROBLEMS IN LOCAL REGION 82
25. CHARACTER DEVELOPMENT OF INDEPENDENCE AND RESPONSIBILITY IN THE RIVERBANK JUNIOR HIGH SCHOOL STUDENTS IN BANJARMASIN THROUGH NUMBER HEAD TOGETHER (NHT) 83
26. THE IMPLEMENTATION OF COOPERATIVE LEARNING MODEL BASED ACSI(ACTION CARDS SPEAK INDEPENDENT) TO IMPROVE LEARNING OUTCOMES AND STUDENTS' MOTIVATION IN THE SCHOOL CHEMISTRY 1 SUBJECT OF CHEMISTRY EDUCATION STUDY PROGRAM FKIP ULM 84
27. DEVELOPING OF STUDENTS' BOOK BY CHARACTERIZED REALISTIC MATHEMATICS EDUCATION ON TRIANGLE IN CLASS VII OF JUNIOR HIGH SCHOOL STUDENTS 85
28. SIYAKHULISA IS AN EARLY CHILDHOOD DEVELOPMENT (ECD) INTERVENTION PROJECT AIMED AT IMPROVING THE KNOWLEDGE AND SKILLS OF EARLY CHILDHOOD DEVELOPMENT PRACTITIONERS IN TOWNSHIPS IN SOUTH AFRICA 86
29. LEARNING BARRIER AND LEARNING MOTIVATION OF NURSING STUDENTS IN POLTEKKES BANJARMASIN 87
30. MANAGEMENT PROFILE OF TRADITIONAL CRAFT IN CITY-BASED REGION AND CRAFT MANAGEMENT IN FARM-BASED REGION 88

TRACK C: ENGINEERING & TECHNOLOGY STUDIES 89

31. PROTOTYPE PROFILE MATCHING FOR SELECTION DECISION SUPPORT POSITIONS IN PARTICULAR THE COMPANY OR GOVERNMENT 90
32. THE DEVELOPMENT OF MEDIA GAME CONTROL BASED ON ADOBE FLASH IN IMPROVING ARABIC VOCABULARY FOR STUDENT MTS 91
33. MODELLING THE RELATIONSHIP BETWEEN MATERIAL WASTE GENERATION AND NVAAS IN CONSTRUCTION WORK 92
34. WOOD MATERIAL GRADING PROCESS AUTOMATION USING BACKPROPAGATION ARTIFICIAL NEURAL NETWORK 93
35. ESTIMATION EROSION BASED GEOGRAPHIC INFORMATION SYSTEM FOR RATING CHARACTERISTICS OF WATERSHED TABUNIO IN THE DISTRICT OF TANAH LAUT 94
36. LAND COVER CHANGES THROUGH GEOGRAPHIC INFORMATION SYSTEMS IN ORDER TO DETERMINE CARRYING CAPACITY OF SATUI WATERSHED SOUTH KALIMANTAN PROVINCE 95
37. EVALUATION OF TIDAL AND CHANNEL GEOMETRY EFFECTS TO DISSOLVED IRON ACCUMULATION PATTERN IN TERANTANG RECLAMATION CHANNEL 96
38. THE EFFECTIVENESS OF CHARCOAL POWDER SIZE IN BIOGAS PURIFICATION 97
39. UTILIZATION OF FLY ASH, PALM-PRESSED FIBERS, AND EMPTY FRUIT BUNCHES OF OIL PALM IN LIGHTWEIGHT CONCRETE 98
40. IRRIGATION REQUIREMENT AND WATER AVAILABILITY ANALYSIS FOR JEJANGKIT II AREA 99

TRACK D: PHYSICAL LIFE AND APPLIED SCIENCES 100

41. ADAFTATION OF FARMERS WETLANDS ON WATER PURIFICATION TECHNOLOGY THE MANDASTANA VILLAGE, SOUTH KALIMANTAN 101
42. HABITAT AND PHYTOCHEMICAL ANALYSIS OF RED GEMOR (NOTHAPHOEBE CORIACEA (KOSTERM)) ON PEAT-SWAMP FOREST AREAS, CENTRAL KALIMANTAN 102
43. AGROFORESTRY CONCEPT ON PEAT LAND AREAS BASED ON JELUTUNG IN CENTRAL KALIMANTAN 103

44. THE INFRASPECIFIC VARIABILITY OF INDONESIAN CEMPEDAK (ARTOCARPUS INTEGER (THUNB.) MERR.) BASED ON MORPHOLOGICAL CHARACTERS 104
45. CHARACTERISTICS OF WATER RETENTION OF OMBROTROPIC PEATS UNDER DIFFERENT LAND USES ... 105
46. MORPHOLOGICAL CHARACTERIZATION AND PATHOGENICITY OF COLLETOTRICHUM SPECIES AGENT CAUSING ANTHRACNOSE ON RED PAPER FROM MAGELANG, INDONESIA 106
47. SOIL SURFACE PROPERTIES CONTROL THE SORPTION OF ORGANIC CARBON ONTO THE RAISED-BED SOILS OF TROPICAL TIDAL SWAMPLANDS 107
48. THE CORRELATION BETWEEN COMPUTATIONAL ESTIMATION ABILITY AND MATHEMATICAL LEARNING ACHIEVEMENT 108
49. CHARACTERIZATION AND DERIVATIZATION OF LIGNIN FROM BLACK LIQUOR OF EMPTY FRUIT BUNCHES ORGANOSOLV PROCESS 109
50. PHYSICAL LIFE AND APLLIED SCIENCES, DEVELOPMENT OF PHYSICS MODULE ON FLUID SUBJECT INTEGRATED THE FLOATING MARKET CULTURE 110
51. DIVERSITY OF WATERBIRDS IN THE RECLAMATION AREA OF PT ADARO INDONESIA, SOUTH KALIMANTAN 111
52. BIODIVERSITY OF TABUKAN SOUTH KALIMANTAN WETLANDS: EXPLOITATION OF WEEDS, PURUN TIKUS (ELEOCHARIS DULCIS) IN SUPPORTING FOREST COMMUNITY AND ENVIRONMENT 112
53. STUDY NANOCHLOROPHYLL ELEOCHARIS DULCIS PHOTOSENSITIZER EKSOGEN ORGANIC FOR PHOTODYNAMIC THERAPY 113

TRACK E: HEALTH & MEDICINE STUDIES 114

54. THE ROLE OF COMMUNITY LEADERS IN THE INCIDENT OF DIARRHEA IN SUB DISTRICT PARINGIN PERIOD 2011-2014 (THE CASE STUDY: CSR PROGRAM PT ADARO INDONESIA) 115
55. CYP19A1 GENE EXPRESSION IN PATIENTS WITH POLYCYSTIC OVARY SYNDROME 116

56. INHIBITION OF PROPOLIS AND TRIGONA SPP AGAINST METHICILIN RESISTEN STAPHYLOCOCCUS AUREUS AND VANCOMISIN RESISTEN STAPHYLOCOCCUS AUREUS 117

57. HEALTH SEEKING BEHAVIOR OF FAMILY'S CHILD TUBERCULOSIS IN SOUTH KALIMANTAN PROVINCE..... 118

58. THE RELATION OF PATTERN TAKE CARE OF PARENT WITH THE RISK OF MISUSE NAPZA AT ADOLESCENT IN THE SEBAMBAN BARU VILLAGE SUBDISTRICT OF SUNGAI LOBAN DISTRICT TANAH BUMBU, INDONESIA 119

59. ANALYSIS OF FACTORS AFFECTING THE ABILITY OF SELF MANAGEMENT (SELF MANAGEMENT) DIABETES PATIENTS 120

60. THE CORRELATION BETWEEN KNOWLEDGE AND INTENTION WITH SELF-EFFICACY OF PREGNANT WOMEN TO ATTEND ANTENATAL CARE AT HEALTHCARE PROFESSIONALS 121

61. THE RELATIONSHIP BETWEEN THE DENSITY OF RESIDENTIAL, LIGHTING AND SPACIOUS VENTILATION WITH PULMONARYTUBERCULOSIS INCIDENCE IN MATARAMAN 122

62. EFFECT OF KARAMUNTING FRUIT JUICE (MELASTOMA MALABATHRICUM L.) ON ADVANCED GLYCATION END-PRODUCTS (AGES) AND LIPID PROFILE AS ADVANCED COMPLICATIONS OF DIABETES MELLITUS 123

63. OPERCULUM MOVEMENT AND MICROANATOMY SKIN STRUCTURE OF PERIOPHTHALMODON SCHLOSSERI IN ESTUARY OF BARITO RIVER..... 124

64. EVALUATION OF MALARIA ERADICATION PROGRAM IN THE BANJAR DISTRICT OF SOUTH KALIMANTAN PROVINCE 125

65. MOLECULAR ADAPTATION RESPONSE OF IMMUNITY SYSTEM ON POPULATION EXPOSED TO AIR POLLUTION126

TRACK F:WETLAND STUDIES 127

66. RESPONSE OF TROPICAL PEAT SWAMP FOREST SPECIES SEEDLINGS TO ARBUSCULAR MYCORRHIZA APPLICATION IN THE NURSERY 128

67. THE FEASIBILITY STUDY ON TRAPPING EXPERIMENTS WITH LIGHTS IN BARITO RIVER OF INDONESIA..... 129

68. BUILDING DATA WAREHOUSE AND DATA MINING IN RESEARCH OF WETLAND ENVIRONMENTS 130

FUTURE EVENTS..... 131

CSR..... 142

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Conference Chair Message

Farooq Ahmed Jam (Ph.D.)

3rd International Conference on "Emerging Trends In Academic Research"(ETAR-2016) serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the regional and global challenges faced by our societies. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe, these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face and interacting with other renowned scholars for possible future collaborations.

I am really thankful to our honorable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards and helping the participants in publishing their research in affiliated journals. Also special thanks to all the session chairs from industry, academia and policy-making institutions who volunteered their time and support to make this event a success.

A very special thanks to the great scholars for being here with us as key note speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. Iam also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let's break all the discriminating barriers and get free from all minor affiliations. Let's contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

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For this year, ETAR has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researcher and are reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute to the scientific body of knowledge. On the contrary, Insight papers meet the needs of policy makers and professionals and are reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how they can be solved with the help of information systems.

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Acknowledgment

A huge number of people helped in conducting the conference. First of all thanks to all the members of the Conference and Program Committee and representatives of the ETAR board and their helpers. We also want to thank all the Track Chairs, and reviewers, as well as all the members of the Scientific Committee for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference and we look forward to the latest episode of the ETAR tradition.
Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.)
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KEYNOTE SPEAKERS

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Prof. Dr. Ghazali Bin Sulong received his BSc. in Statistics from Universiti Kebangsaan Malaysia in 1979, and M.Sc. and Ph.D. in computing from University of Wales, United Kingdom in 1982 and 1989 respectively. His academic career has begun since 1982 at Universiti Teknologi Malaysia (UTM). In Jan. 1999, he was promoted as a full Professor of Image Processing and Pattern Recognition at Faculty of Computing, UTM. Since July 2016 he was seconded at Universiti Malaysia Terengganu. His current research interests include Biometric – fingerprint identification, face recognition, ear recognition, iris verification, handwriting recognition; Digital forensic – writer identification, image and video forgeries recognition, signature verification, image encryption, watermarking and steganography; Medical imaging (MRI, CT and Mammogram) – tumor detection, segmentation, 3D visualization and volume calculation; Image retrieval; Vehicle tracking; Human activities recognition. He has authored/co-authored of more than 150 technical papers for journals, conference proceedings and book chapters.

Jay P. Sah(Ph. D.)



Dr. Jay P. Sah is a Research Faculty at the Southeast Environmental Research Center, Florida International University, Miami, Florida, USA, and has 32 years of teaching and research. Before coming to USA in 1995, he was a Lecturer at the Central Department of Botany, Tribhuvan University, Nepal. Dr. Sah is an expert in studying vegetation-environment relationships and effects of natural and anthropogenic disturbances on pattern and processes in various types of plant communities, including upland forests and floodplains, wet prairies, marshes and other seasonal wetlands. His research approach includes the use of multivariate statistical techniques to interpret relationships among vegetation and environmental variables in large data sets, spatial integration of the analytical results via extensive GIS databases, and system dynamics modelling. He is also involved in inter-disciplinary research on socio-economic issues, conservation, and natural resource management in Nepal. Dr. Sah has published 40 peer-reviewed research articles, 32 semi-technical articles and chapters, and 50+ technical reports. He has given more than 50 presentations at national and international meetings and 20 invited lectures/seminars. Dr. Sah has served as editor/associate editor on several journals. Since 2015, he is an Advisory Editor of the Journal of Wetlands Environmental Management' published by Lambung Mangkurat University, Banjarmasin, Indonesia

Vivi Andasari (Ph.D.)



Postdoctoral Associate in Zaman Lab (BU) & Kamm Lab (MIT). Vivi is a mathematical/theoretical biologist who, in particular, has been doing mathematical modelling of cancer growth and progression. She obtained her Ph.D. in Mathematics from the University of Dundee in Scotland, the United Kingdom, in 2011, where she studied under the supervision of Prof Mark Chaplain FRSE, a renowned scientist in mathematical modelling of cancer. Prior to Ph.D., Vivi also obtained a Professional Doctorate in Engineering degree in Mathematics from Eindhoven University of Technology in the Netherlands (2007), a Master of Science in Engineering Mathematics from Chalmers University of Technology in Sweden (2004), and a Bachelor of Engineering in Electrical Engineering from the University of Indonesia (1999). She has been doing postdoctoral research training at the University of Dundee, Wake Forest University School of Medicine (USA), and Boston University and MIT (USA). Her work entails mathematical modelling and computer simulation studies of biological and medical processes such as chick embryo gastrulation, wound healing, and cell migration; the last one being the main mechanism of cancer invasion and also her main research interest. She has presented her research worldwide and received several research and travel grants. In 2010 she was awarded a Kartini Award by

Kartini magazine and the first lady of Indonesia for her work and research.

Assoc. Prof. Dr. Muhaimin Ismoen



Professor Dr. Muhaimin Ismoen was awarded Bachelor Degree in Mathematics Education by Sebelas Maret University (UNS), Master Degree in Mathematics by Gajah Mada University (GMU) Indonesia and Doctor of Philosophy (Ph.D.) in Industrial Mathematics by National University of Malaysia (UKM) in 2010. He was appointed as an Associate Professor in Engineering Mathematics at Universiti Teknologi Brunei (UTB) since 2015. Prior as an Associate Professor of Mathematics at Universiti Tun Hussein Onn Malaysia (UTHM) Malaysia and also as a Coordinator of The Center for Research in Computational Mathematics (CERCOM) at UTHM, 2010 -2012.

He is active for doing research and publication in field of Computational Fluid Dynamics (CFD) that are now becoming trends area. From this research, he published about 81 articles in which 60 articles were published in International Journals and 22 articles were published in Proceeding Conferences. A total of 60 articles were indexed by Google Scholar (with total citations of 406 and h-index of 12) and a total of 44 articles were indexed by Scopus (with total citations of 278 and h-index of 9).

His activities also include supervision for Master's Students and Ph.D. students; External

Examiners/Evaluators for Master and Ph.D. Thesis; Reviewer for some reputed international journals and conferences; Editorial Board for International Journal of Innovation in Mechanical Engineering and Advanced Materials; Invited Speakers for International/National Conferences; Research Collaboration; A member/Associate member of UTB's research cluster in field of "Flow Modelling and Simulation" and "Fuel Processing, Handling & Marketing".

ETAR 2016 Track's Chairs

Business Management & Economic Studies
Sutarto Hadi & Jay P. Sah

Social Sciences & Humanities
Chairil Faif Pasani & Ghazali Bin Sulong
Mawaddah, Siti & NASRUDDIN Luthfie
Catherine Trudelle & Else Fourine
Hammad Martapura & Slamet Subiyantoro

Engineering & Technology Studies
Muhaimin Ismoen & Ghazali Bin Sulong
Vivi Andasari & Jay P. Sah

Health and Medicine Studies
Ratna Setyaningrum & Husaini, Fawaz
Laily Khairiyati & Fauzie Rahman

Wetland Studies
Roselina Panghiyangani & Yudi Firmanul Arifin

Physical and Applied Sciences
Dewantara, Dewi & Vivi Andasari
Suryadi, Budi & Kamaliyah

ETAR 2016 Panels

"Improving the Quality of Research: Contribution to Academia & Society"

Moderator: Farooq Ahmed Jam & Sutarto Hadi

The Panel members will be involved in discussion related to: Sustainability oriented innovation and technology researches have received increasing attention over the past 10 to 15 years. In this panel the magnitude and pervasiveness of quality research initiatives will be discussed. The panel members will give their comments and feedback on analytical and practical implications of fundamental shifts in research quality and contribution to society. The basic parameters of research quality enhancement, which are helpful to publish in top tier journals, will be considered. The focus of research on local community issues will be highlighted. Audience will be involved in discussion and their feedback will be acknowledged.

Best Paper Nominee List

Undergraduate Student's Interest to Entrepreneurship at Lambung Mangkurat University

*Hastin Umi Anisah, Wimby Wandary, Rifqi Novriyandana**
Lambung Mangkurat University South Kalimantan, Indonesia

Characteristics of Water Retention of Ombrotropic Peats under Different Land Uses

Kurnain, Ahmad, Hayati, Afiah.*
University of Lambung Mangkurat, Indonesia

Modelling the Relationship between Material Waste Generation and NVAAs in Construction Work

Aqli Mursadin, Isra*
University of Lambung Mangkurat, Indonesia

Wood Material Grading Process Automation using Backpropagation Artificial Neural Network

Khatimi, Husnul. Sari, Yuslena, Alkaff, Muhammad. ,Pramunendar, Anggi,*
University of Lambung Mangkurat, Indonesia

Management Innovation as Complementary of Technology Innovation in Boosting Dynamic Capability

Ismi Rajiani, Hairul*
Universitas Lambung Mangkurat Banjarmasin
Universitas Islam Kalimantan Banjarmasin

Economic Development Strategy of Coastal Community in Kotabaru Regency
Alim Ahmad Bahri, Udiansyah, Nasruddin Deasy Arisanty[*]
Lambung Mangkurat University

Changing Paradigm 0f Intelligences through Implementation of Multiple Intelligences Theory in Science Classroom
Atiek Winarti
University of Lambung Mangkurat, Indonesia

The Difference of Self-Regulated Learning Based On Gender in Smpn 3 Banjarmasin
Ririanti Rachmayanie Jamain[*]*,Nina Permatasari*
Universitas Lambung Mangkurat, Indonesia

Molecular Adaptation Response of Immunity System on Population Exposed Air Pollution
Mohammad Zulkarnain[*]*, Rostika Flora,Toto Harto, Dwi Apriani, Novita Adela*
University of Sriwijaya, Indonesia

The Effectiveness of Charcoal Powder Size in Biogas Purification
Achmad Kusairi Samlawi[*]*,Afien Febrian, Qomariyatus Sholihah*
University of Lambung Mangkurat, Indonesia

ETAR 2016 Best Paper Award Winner

Modelling the Relationship between Material Waste Generation and NVAAs in Construction Work

Aqli Mursadin[*]*, Isra*
University of Lambung Mangkurat, Indonesia

ETAR 2016 Conference Committee

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Farooq Ahmed Jam (Ph.D.)
Executive Director (Global Illuminators)

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Tariq Iqbal Khan (Ph.D.)
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Professor in mathematics Education ULM

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Associate Professor in Public Health ULM

Editor
Dr Ahmad Saddam (Ph.D.)

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CONFERENCE PROGRAM

Welcome Reception & Registration

8:00 am –8:30 am

Opening Ceremony (08:30am – 10:15 am)

Venue: Room 1

08:30 am - 08:45am	Welcome Remarks - **Prof. Dr. Ir. H. Yudi Firmanul Arifin, M.SC -** Head of Organizing Committee ETAR 2016
08: 45am - 09:00am	Opening Speech - **Prof. Dr. H. Sutarto Hadi, M.Si, M.S -** Conference President and Rector of Lambung Mangkurat University (ULM) Banjarmasin, Indonesia
09: 00am - 09: 15am	Opening Speech – **Dr. Farooq Ahmad Jam-** Conference Chair ETAR-2016 & Executive Director Global Illuminators
09:15 am - 09:30am	Opening Speech - **Ibnu Sina,S.Pi, M.Si -** City Mayor of Banjarmasin
09:30 am - 09:45am	Keynote Speech - **Prof. Dr. Ghazali Bin Sulong-** Faculty of Computing, Universiti of Technology Malaysia
09:45 am - 10:00am	Keynote Speech - **Dr. Jay P. Sah -** Research Faculty at the Southeast Environmental Research Center, Florida International University, USA

10: 00am - 10:15am	Keynote Speech - **Dr. Vivi Andasari -** Associate Professor in Zaman Lab (BU) & Kamm Lab (MIT), Boston University, USA
10:15am - 10.30am	Keynote Speech - **Assoc. Prof. Dr. Muhaimin Ismoen -** Associate Professor in Engineering Mathematics at Universiti Teknologi Brunei (UTB) Brunei Darussalam
10:30 am - 10:45am	Group Photo & Award Ceremony

Grand Networking Session and Tea Break (10:45 am – 11:15 am)

DAY 01 Monday (September 26, 2016)
Session 1 (11:15 am – 01:00 pm)
Venue: Room 1
Session Chairs: Chairil Faif Pasani & Ghazali Bin Sulong
Track: Social Sciences and Humanities

ETAR-16-109	Analysis of Urban Conflict Networks: Theoretical and Methodological Perspectives	Catherine Trudelle
ETAR-16-110	Siyakhulisa is an Early Childhood Development (ECD) Intervention Project Aimed at Improving The Knowledge and Skills of Early Childhood Development Practitioners in Townships in South Africa.	Elsa Fourie
ETAR-16-125	Toward Elderly friendly place making: Concepts and Steps	Bhezadfar Mostafa
ETRA-16-132	Learning Barrier and Learning Motivation of Nursing Students in Poltekkes Banjarmasin	Hammad Martapura
ETAR-16-138	Management Profile of Traditional Craft in City-based Region and Craft Management in Farm-based Region	Slamet Subiyantoro
ETAR-16-143	Lower Secondary School Student's Written Mathematical Communication based on Gender	Noor Fajriah
ETAR-16-150	The Urgency of Local Act Draft on Corporate Social Responsibility (CSR) in Way Kanan	Charlyna S. Purba
ETAR-16-154	Development Module Physics on Subject Matter Temperature and Heat Integration Local Wisdom in Making Coconut Oil	Mustika Wati, Misbah

Lunch Break (01:00 pm – 2:00 pm)

DAY 01 Monday (September 26, 2016)
Session 1 (11:15 am – 01:00 pm)
Venue: Room 2
Session Chairs: Mawaddah, Siti & NASRUDDIN Luthfie
Track: Social Sciences & Humanities

ETAR-16-163	City Branding Banjarmasin BAIMAN by sosial media and below the line Media.	Netty Herawaty
ETAR-16-170	Redox Reaction Learning by Using Field Dependent-Field Independent Cognitive Style Based Model	Arif Sholahuddin
ETAR-16-172	Moral Considerations and Gender Student Learning in Civic Education	Sarbaini
ETAR-16-177	Economic Development Strategy of Coastal Community in Kotabaru Regency	Deasy Arisanty,M.Sc
ETAR-16-178	Diamond Trader Practice: Access and Utilize Capital on Diamond Trading in Martapura, South Borneo	Yusuf Hidayat,
ETAR-16-179	The Effect of Instructional Strategies on Student Achievement in Physics: A Meta-Analysis Study Viewed from Topics of Physics and Kinds of Student Achievements	Sarah Miriam

Lunch Break: (01:00 pm – 02:00 pm)

DAY 01 Monday (September 26, 2016)
Session 1 (11:15 am – 01:00 pm)
Venue: Room 3
Session Chairs: Dewantara, Dewi & Vivi Andasari
Track: Physical and Applied Sciences

ETAR-16-131	Adaftation of Farmers Wetlands on Water Purification Technology The Mandastana Village, South Kalimantan	Suryadi, Budi
ETAR-16-147	Habitat and Phytochemical Analysis of Red Gemor (Nothaphoebe coriacea (Kosterm)) on Peat-Swamp Forest Areas, Central Kalimantan	Yudi Firmanul Arifin
ETAR-16-148	Agroforestry Concept on Peat Land Areas Based on Jelutung in Central Kalimantan	Daniel Itta
ETAR-16-151	The Infraspecific Variability of Indonesian Cempedak (Artocarpus integer (Thunb.) Merr.) Based on Morphological Characters	Dewi Kartika
ETAR-16-152	Characteristics of Water Retention of Ombrotropic Peats under Different Land Uses	Kurnain, Ahmad
ETAR-16-153	Morphological Characterization and Pathogenicity of Colletotrichum species agent causing anthracnose on Red Paper From Magelang, Indonesia	Noorkomala Sari
ETAR-16-158	Soil Surface Properties Control the Sorption of Organic Carbon onto the Raised-bed Soils of Tropical Tidal Swamplands	Akhmad R. Saidy
ETAR-16-161	The Correlation between Computational Estimation Ability and Mathematical Learning Achievement	Kamaliyah
ETAR-16-173	Characterization and Derivatization of Lignin from Black Liquor of Empty Fruit Bunches Organosolv Process	Syahmani

Lunch Break (01:00 pm –02:00 pm)

DAY 01 Monday (September 26, 2016)
Session 1 (11:15 am – 01:00 pm)
Venue: Room 4
Session Chairs: Husaini, Fawaz & Ratna Setyaningrum
Track: Health and Medicine Studies

ETAR-16-133	The Role of Community Leaders in the Incident of Diarrhea in Sub District Paringin Period 2011-2014 (The Case Study: Csr Program Pt Adaro Indonesia)	Aan Nurhadi
ETAR-16-135	Cyp19a1 Gene Expression in Patients With Polycystic Ovary Syndrome	Roselina Panghiyangani
ETAR-16-137	Inhibition of Propolis and Trigona Spp Against Methicilin Resisten Staphylococcus Aureus And Vancomisin Resisten Staphylococcus Aureus	Leka Lutpiatina
ETAR-16-140	Health Seeking Behavior of Family's Child Tuberculosis In South Kalimantan Province	Bahrul Ilmi
ETAR-16-141	The Relation of Pattern Take Care of Parent with the Risk of Misuse Napza at Adolescent in the Sebamban Baru Village Subdistrict of Sungai Loban District Tanah Bumbu, Indonesia	Endang Sri Purwanti
ETAR-16-145	Analysis of Factors Affecting the Ability of Self-Management (Self-Management) Diabetes Patients	Endang Sri Purwanti
ETAR-16-146	The Correlation Between Knowledge and Intention with Self-Efficacy of Pregnant Women to Attend Antenatal Care At Healthcare Professionals	Nina Mardiana

Lunch Break: (01:00 pm – 02:00 pm)

DAY 01 Monday (September 26, 2016)
Session 2 (02:00 pm – 03:30 pm)
Venue: Room 1
Session Chairs: Catherine Trudelle & Elsa Fourine
Track: Social Sciences and Humanities

ETAR-16-186	Changing Paradigm of Intelligences through Implementation of Multiple Intelligences Theory In Science Classroom	Atiek Winarti
ETAR-16-188	Rural Community Behavior in the Framework of Community Empowerment for Sustainable Conservation Forest Management	Hamdani Fauzi
ETAR-16-190	The Mapping of Flood Risk Area	Karnanto Hendra Murliawan
ETAR-16-194	Analysis of Potential Mandiri Areas Culinary Tourism (KWKM) in Pos Street Banjarmasin	Ellisa Vikalista

DAY 01 Monday (September 26, 2016)
Session 2 (02:00 pm – 03:30 pm)
Venue: Room 2
Session Chairs: Sutarto Hadi & Jay P. Sah
Track: Business Management and Economic Studies

ETAR-16-112	E-Commerce Impact on Indonesian Small Medium Enterprise in Asean Economic Community Era: Economic Effect	Astri Amanda Ayu Pratiwi Lubis
ETAR-16-130	Antecedent Factors in The Implementation of Accounting System And Performance Of Information System (How Readiness of the Implementation For Accrual Based Financial Reporting on the Local Government in South Kalimantan Indonesia)	Syaiful Hifni
ETAR-16-142	Undergraduate Student's Interest to Entrepreneurship at Lambung Mangkurat University	Hastin Umi Anisah
ETAR-16-159	The Influence of Company Age and Owner's Manager's Education to the Accounting Information Application in Small and Medium Enterprises	Galuh Tresna Murti
ETAR-16-189	Impacts of Oil Palm on Farmer's Welfare, Income Distribution and Poverty Alleviation	Luthfi Fatah
ETAR-16-202	The Establishment of Culture of Micro, Small, Medium Enterprise at Sentra Industri Rajut Binong Jati ByInformation Management System Design Based on Java Web	Adi Rachmanto

DAY 01 Monday (September 26, 2016)
Session 2 (02:00 pm – 03:30 pm)
Venue: Room 3
Session Chairs: Suryadi, Budi & Kamaliyah
Track: Physical and Applied Sciences

ETAR-16-183	Physical Life and Apllied Sciences, Development of Physics Module on Fluid Subject Integrated the Floating Market Culture	Dewantara, Dewi.
ETAR-16-187	Diversity of Waterbirds In The Reclamation Area of Pt Adaro Indonesia, South Kalimantan	Maulana Khalid Riefani
ETAR-16-191	Biodiversity of Tabukan South Kalimantan Wetlands: Exploitation of Weeds, Purun Tikus (Eleocharis Dulcis) In Supporting Forest Community and Environment	Makalew, Anna Maria
ETAR-16-204	Study Nanochlorophyll Eleocharis Dulcis Photosensitizer Eksogen Organic for Photodynamic Therapy	Totok Wianto

DAY 01 Monday (September 26, 2016)
Session 2 (02:00 pm – 03:30 pm)
Venue: Room 4
Session Chairs: Lenie Marlinae & Fauzie Rahman
Track: Health and Medicine Studies

ETAR-16-149	The Relationship Between the Density of Residential, Lighting And Spacious Ventilation With Pulmonary Tuberculosis Incidence In Mataraman	Lena Rosida
ETAR-16-185	Effect of Karamunting Fruit Juice (Melastoma malabathricum L.) to Advanced Glycation End-products (AGEs) and Lipid Profile as Advanced Complications of Diabetes Mellitus	Nurikhwan, Pandji Winata.
ETAR-16-209	Operculum Movement And Microanatomy Skin Structure of Periophthalmodon Schlosseri in Estuary of Barito River	Muhamat
ETAR-16-216	Evaluation of Malaria Eradication Program in the Banjar District of South Kalimantan Province	Syamsul Arifin
ETAR-16-219	Molecular Adaptation Response of Immunity System on Population Exposed Air Pollution	Mohammad Zulkarnain

DAY 01 Monday (September 26, 2016)
Session 3 (03:30 pm – 04:45 pm)
Venue: Room 1
Session Chairs: Hammad Martapura & Slamet Subiyantoro
Track: Social Sciences and Humanities

ETAR-16-199	Political Clientelism in Central Kalimantan: Evidence of Decentralization and Democratization Problems in Local Region	Netty Herawaty
ETAR-16-200	Character development of Independently and Responsibility in the Riverbank Junior High School Students in Banjarmasin through Number Head Together (NHT)	Chairil Faif Pasani
ETAR-16-210	The Implementation of Cooperative Learning Model Based ACSI(Action Cards Speak Independent) to Improving Learning Outcomes and Students' Motivation In the School Chemistry 1 Subject of Chemistry Education Study Program FKIP ULM	Almubarak,
ETAR-16-211	Developing of Student's Book is Characterized Realistic Mathematics Education on Triangle in Class VII of Junior High School Students	Mawaddah, Siti

Tea Break: (04:45 pm to 05:00 pm)

DAY 01 Monday (September 26, 2016)
Session 3 (03:30 pm – 04:45 pm)
Venue: Room 2
Session Chairs: Muhaimin Ismoen & Ghazali Bin Sulong
Track: Engineering and Technology Studies

ETAR-16-139	Prototype Profile Matching For Selection Decision Support Positions In Particular The Company Or Government	Juhriyansyah Dalle Dwi Hastuti
ETAR-16-156	The Development Of Media Game Control Based on Adobe Flash In Improving Arabic Vocabulary Student MTs.	Moh. Iqbal Assyauqi
ETAR-16-165	Modelling the Relationship between Material Waste Generation and NVAAs in Construction Work	Aqli Mursadin
ETAR-16-166	Wood Material Grading Process Automation using Backpropagation Artificial Neural Network	Muhammad Alkaff

Tea Break: (04:45 pm to 05:00 pm)

DAY 01 Monday (September 26, 2016)
Session 3 (03:30 pm – 04:45 pm)
Venue: Room 3
Session Chairs: Vivi Andasari & Jay P. Sah
Track: Engineering and Technology Studies

ETAR-16-167	Estimation Erosion Based Geographic Information SystemFor Rating Characteristics Watershed Tabunio in the District of Tanah Laut	Syarifuddin Kadir
ETAR-16-169	Land cover Changes Through Geographic Information Systems in Order to carrying capacity Determine Satui Watershed South Kalimantan Province	Badaruddin or Karta Sirang
ETAR-16-174	Evaluation of Tidal and Channel Geometry Effects to Dissolved Iron Accumulation Pattern In Terantang Reclamation Channel	Riduan, Rony
ETAR-16-180	The Effectiveness of Charcoal Powder Size in Biogas Purification	Achmad Kusairi Samlawi
ETAR-16-181	Utilization of Fly Ash, Palm-Pressed Fibers, and Empty Fruit Bunches of Oil Palm in Lightweight Concrete	Yulian Firmana Arifin
ETAR-16-192	Irrigation Requirement and Water Availability Analysis for Jejangkit Ii Area	Maya Amalia

Tea Break: (04:45 pm to 05:00 pm)

DAY 01 Monday (September 26, 2016)
Session 3 (03:30 pm – 04:45 pm)
Venue: Room 4
Session Chairs: Roselina Panghiyangani & Yudi Firmanul Arifin
Track: Wetland Studies

ETAR-16-144	Response of Tropical Peat Swamp Forest Species Seedlings to Arbuscular Mycorrhiza Application in the Nursery	Tri Wira Yuwati
ETAR-16-164	The Feasibility Study on Trapping Experiments with lights in Barito River of Indonesia	Ahmadi
ETAR-16-175	Building Data Warehouse and Data Mining In Research of Wetland Environments	Indriani, Fatma

Tea Break: (04:45 pm to 05:00 pm)

DAY 01 Monday (September 26, 2016)

Panel Discussion Session (05:00 pm – 05:30 pm)

Venue: Room 1

Panel Discussion* on

"Improving the Quality of Research: Contribution to Academia & Society"

Panellists	Dr. Farooq Ahmed Jam
	Prof. Sutarto Hadi
Participants	All Participants

The Panel members will be involved in discussion related to: Sustainability oriented innovation and technology researches have received increasing attention over the past 10 to 15 years. In this panel the magnitude and pervasiveness of quality research initiatives will be discussed. The panel members will give their comments and feedback on analytical and practical implications of fundamental shifts in research quality and contribution to society. The basic parameters of research quality enhancement, which are helpful to publish in top tier journals. The focus of research on local community issues will be highlighted. Audience will be involved in discussion and their feedback will be acknowledged.

Closing Ceremony: (05:30pm – 06:00 pm)

LIST OF CONFERENCE GUESTS

The following scholars/practitioners/educationists don't have any paper presentations; however they will be attending the conference as delegates and observers.

ID	Name	Affiliation	Country
ETAR-16-221	Alfian	Polytechnic LP3I Bandung, Indonesia	Indonesia
ETAR-16-222	Prof. Dr. Ghazali Bin Sulong-	University of Technology, Malaysia	Malaysia
ETAR-16-223	Dr. Jay P. Sah	Research Faculty at the Southeast Environmental Research Center, Florida International University, USA	USA
ETAR-16-224	Assoc. Prof. Dr. Muhaimin Ismoen	Associate Professor in Engineering Mathematics at Universiti Teknologi, Brunei (UTB) Brunei Darussalam	Brunei

DAY 02 Tuesday, (September 27, 2016)
"CITY TOUR"

Gathering of Participants at the Lobby of Golden Tulip Galaxy Banjarmasin, Indonesia at 9:00 am

Departure: 9:30 am for City Tour
Drop Back at Golden Tulip Galaxy Banjarmasin, Indonesia, At 4:00 pm

Important Note: This tour is organized by Global Illuminators and entry to this tour is free for all participants. You may also bring your Siblings/Family/Friends but you have to register for them on registration desk on day 1 of conference.

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The Establishment of Culture of Micro, Small, Medium Information Management System Design Based on Java Web

Siti Kurnia Rahayu[1],Raeny Dwi Santy[2], Adi Rachmanto[3*]

[1,2,3] Lambung Mangkurat University, Indonesia

Abstract

The problems faced by Micro, Small and Medium Enterprises (UMKM/Usaha Mikro, Kecildan Menengah) in Indonesia vary. One of the major problems is on how to handle the financial information, since financial information could be considered as the most important information needed by the Micro, Small and Medium Enterprises in order to gain a maximum profit as well as expanding business. The object of this research is the Micro, Small and Medium Enterprises in knitting industries incorporated into *Sentra* Industri Rajut Binong Jati. This Sentra (Center), consists of hundreds of entrepreneurs with production of nearly a million dozen knitting products per year with total investigation of 31 billion IDR. This research aims to design an appropriate Information Management System in accordance with the needs of the UMKM incorporated in Sentra Industri Rajut Binong Jati as the centre of knitting industries in West Java as the tools to form a perceptive and competent organizational culture in using the information technology and communication in responding to the dynamic development of technology.

Keywords: Culture, Management System, Java Web

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