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The International Summit on Science Technology and Humanity (ISETH2019)

*Advancing Scientific Thought for
Future Sustainable Development*

3 - 4 December 2019



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**Proceedings Book of
International Summit on Science Technology and Humanity (ISETH) 2019**
Advancing Scientific Thought for Future Sustainable Development

3 - 4 December 2019

ISETH2019 Secretariat

LPPI, Universitas Muhammadiyah Surakarta

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Welcome Note from Rector Universitas Muhammadiyah Surakarta



Assalamu'alaikum Wr. Wb.

Welcome to Universitas Muhammadiyah Surakarta (UMS). I am delighted to hold the International Summit on Science Technology and Humanity (ISETH2019) on the 3rd – 4th of December 2019 which is in line with the activity of the 61th anniversary of the university.

As part of our academic vision to keep on **Advancing Scientific Thought for Future Sustainable Development** as the ISETH2019 theme, it is very important to support an international summit gathering multidisciplinary conferences to share ideas and knowledge advancements. I believe, it will motivate all participants to bring the knowledge for not only individuals but also the whole community. Academics and authors from many countries present their works in each conference accommodated in ISETH2019. I would like to appreciate the committee who have arranged this international collaboration that enabling participants to meet and greet each other also sharing and presenting the research works in Siti Walidah Building, the Icon of Universitas Muhammadiyah Surakarta (UMS), as well as most importantly publishing their valuable research findings in international reputable journals indexed by SCOPUS. Thank you for the keynote speakers coming from several countries who are willing to spend their valuable time with us. Your outstanding lectures with other participants are the most interesting ones and will stimulating us to bring the knowledge one step ahead.

For those joining us the first time, I know you will find this summit to be a welcoming place to forge a networking and developing knowledge.

Thank you for attending this respected ISETH2019. More important, I am grateful for each of you actively participating in the event.

Wassalamu'alaikum Wr. Wb.

Prof. Dr. Sofyan Anif, M.Si.

Message from the Chairman ISETH2019



Assalamu'alaikum Wr. Wb.

On behalf of the International Summit on Science Technology and Humanity (ISETH2019) committee, I am pleased to welcome all keynote speakers, presenters and participants to Universitas Muhammadiyah Surakarta (UMS) campus for the ISETH2019.

This year we have eight conferences running concurrently representing the multidisciplinary gatherings, consists of

- ICIMS - International Conference on Islamic and Muhammadiyah Studies
- ICB-PHARMA - International Current Breakthrough in Pharmacy
- ICHWB - International Conference on Health and Well-Being
- MEST - Mechanical Engineering, Science and Technology International Conference
- ICOEBS - International Conference on Economics and Business Studies
- ICOLAE - International Conference on Learning and Advanced Education
- ICGDM - International Conference of Geography and Disaster Management
- ICIIIP - International Conference of Islamic and Indigenous Psychology

One conference, ICB-Pharma has been successfully conducted on 16th to 17th of November 2019 and another one, MEST will be conducted in conjunction with The 6th International Conference on Engineering, Technology, and Industrial Application (ICETIA 2019) on the 11th -12th December 2019.

This year summit ISETH2019 aims to provide a platform for researchers and academics to share their research findings with others and meet lecturers and researchers from other institutions and to strengthen the collaboration and networking amongst the participants.

I am delighted to learn that the keynote speakers, reviewers or technical experts and participants are from many countries although the number is still limited.

I wish to acknowledge the dedication and contribution of all conference chairs and their organising committee in bringing such a prestigious international conferences. The collaboration with many reputable journals indexed by SCOPUS also bring an advantage for participants in publication.

I hope you enjoy with us. Thank you for your participation in ISETH2019 and hope will see you again in ISETH 2020.

Wassalamu'alaikum Wr. Wb.

Assoc. Prof. Dr. Waluyo Adi Siswanto

ISETH2019 Committee

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ICIMS - International Conference on Islamic and Muhammadiyah Studies

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Setyaningrum Rahmawaty, PhD

ICHWB - International Conference on Health and Well-Being

Assoc. Prof. Tri Widodo Besar Riyadi, Ph.D

MEST - Mechanical Engineering, Science and Technology International Conference

Mrs. Dewita Puspawati, S.E., Ak., M.Sc.

ICOEBS - International Conference on Economics and Business Studies

Prof. Dr. Sutama

ICOLAE - International Conference on Learning and Advanced Education

Jumadi, S.Si, M.Sc., Ph.D

ICGDM - International Conference of Geography and Disaster Management

Assoc. Prof. Yayah Khisbiyah, M.A.

ICIIP - International Conference of Islamic and Indigenous Psychology

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Main Keynote Speakers



P.M. Dato' Dr. Mohd Asri Zainul Abidin

Mufti Perlis, Malaysia

Mohd Asri Bin Zainul Abidin was born on January 1st, 1971 in Penang, Malaysia. He graduated from the University of Jordan in Amman, Jordan in 1995 with a Bachelor Degree (HONS) in Arabic and Syariah. He later furthered his study in Science University Malaysia, of which he graduated with a Master in Islamic Studies in 1999. His quest for knowledge continued soon after when he pursued Doctorate Degree in Al-Quran and Sunnah Studies at the International Islamic University of Malaysia, of which he graduated in 2003. Mohd Asri was first appointed as the Mufti of Perlis in 2006 until 2008. He was then appointed again in 2015 until now. He is also an Associate Professor of Islamic Studies in Science University Malaysia, Penang. Mohd Asri was also a fellow of Oxford Centre for Islamic Studies in 2011 to 2012. Mohd Asri was awarded with the Medal of Seri Sirajuddin Petra and the Medal of Dato' Arif Perkasa in 2012, both by Raja Perlis. He was also awarded with Perlis' Hijrah award 1428H and Science University Malaysia's Hijrah Award in 1430H for his service.



Prof. Dr. Mohamed Seedat

Institute for Social and Health Sciences, University of South Africa (UNISA)

Upon graduating as a clinical psychologist in 1987, Mohamed Seedat joined the Unisa Health Psychology Unit and was involved in programming and co-ordinating community-based interventions for the containment and prevention of injuries including a psycho-educational and counselling service for victims of violent trauma and other apartheid generated stressors in the Soweto Primary Health Care System. In 1993 he completed his doctorate and subsequently in 1994 he was appointed to the post of associate professor. In 1996 he assumed Headship of the Health Psychology Unit which was subsequently amalgamated with the Unisa Institute for Behavioural Sciences to form the Institute for Social and Health Sciences (ISHS), a WHO Collaborating Centre for Violence and Injury Prevention Research and Training. He has published in the areas of community psychology, racism, psychohistory and community development and is chief editor of the first South African community psychology text, "Theory, Practice and Methods in Community Psychology: South African and other Perspectives".



Prof. Dr. Uda Hashim

Timbalan Naib Cahancellor, Universiti Malaysia Perlis (UniMAP)

Prof. Dr. Uda Bin Hashim received BSc Hons. degree in Physical and Applied Physics from Universiti Kebangsaan Malaysia (UKM), in 1987. In research product exposition, Prof. Dr. Uda Hashim has won more than 125 awards locally and internationally with eight most prestigious awards namely MTE 2016 The Best Award, MTE 2015 The Very Best Award, MTE 2015 Croatia Inova Special Award, SIIF Korea 2014 Grand Prize Award, BioInnovation of The Year Award 2014 at BioMalaysia 2014, Best Jury Award at GENEVA 40 th International Exhibition of Invention 2012, Platinum Award at British Invention Show BIS2010 and Genius Award from Hungary in 2007. He already submitted 13 patents filing for his research finding which four of them are already granted. One of his research output which is Mask Aligner is already commercialized and licensed to ICEZ Sdn Bhd. Another two of his research products namely Smart Food Poisoning Detector and HPV Nanolab-on-chip are now under negotiation with interested partners for commercialization. His research finding prove of concept on blood glucose measurement using salivary received attention from several private medical labs and companies.



Salut Muhidin, Ph.D.

Lecturer, Macquarie University, Australia

Dr Muhidin joined Macquarie University in January 2011 as a lecturer in Demography at the Faculty of Business and Economics. Previously he was appointed as Postdoctoral and ResTeach Fellows at Queensland Centre for Population Research, the University of Queensland. He was involved in both research and teaching roles, especially with the Department of Human Geography for the last five years. Dr Muhidin came to Australia with a wide-ranging international experience, including placements in North America (Brown University and University de Montreal), Europe (Groningen University and IIASA-Austria), and Asia (University of Indonesia). Dr Muhidin is a demographer by training from the University of Groningen, the Netherlands. He has actively been working on the study of population mobility issues and its consequences in different settings such as Asia (Indonesia), West Africa (Burkina Faso and Ghana) and Australia. Recently, Dr Muhidin involves in the study of international comparative analysis on internal migration. Early results of this study have contributed to the background research papers for the 2009 Human Development Reports, UNDP.



Dr. Mizan Bisri

United Nations University, Japan

Dr. Mizan Bustanul Fuady Bisri (Mizan) is a JSPS-UNU Postdoctoral Fellow at UNU-IAS. He received a PhD and MA in political science from Kobe University (Japan) as well as an MSc and BSc in urban planning from Bandung Institute of Technology (ITB, Indonesia). Prior to joining UNU-IAS, he served as Disaster Monitoring and Analysis Officer at the ASEAN Coordinating Centre for Humanitarian Assistance on disaster

management (AHA Centre). His research and professional interests range from disaster management, disaster education, humanitarian studies and humanitarian operations, climate change adaptation, and urban planning. As a young scholar, Dr. Bisri has published more than 15 research papers in academic journals or book chapters, most of which are available through Researchgate. Currently, he is exploring the networked politics of the science and policy nexus on disaster management and climate change adaptation in Southeast Asian countries through social network analysis, discourse network analysis, and various fundamental political science and public administration theories. He is also affiliated with Integrated Research on Disaster Risk (IRDR) as a young scientist fellow and, in the past, was active in the United Nations Major Group for Children and Youth (UN-MGCY), which represents youth constituents in various UN-related processes.



Assoc. Prof. Dr. Melor Md Yunus

Universiti Kebangsaan Malaysia (UKM), Malaysia

Dr. Melor Md Yunus is an Associate Professor at the Faculty of Education in the National University of Malaysia (UKM). She has researched and published in the areas of technology-enhanced language learning and TESL. She is the first recipient of the National Higher Education e-Learning award for her contributions in Creativity (Blended Learning, Flipped Learning, and Problem-based Learning).



Assoc. Prof. Dr. Koji Itahana

Duke-NUS, National University of Singapore, Singapore

Dr. Itahana obtained his B.S. and Ph.D. degree at the Faculty of Science, Kyoto University in Japan. He subsequently received postdoctoral training at the laboratory of Dr. Judith Campisi, Lawrence Berkeley National Laboratory to study the role for p53 in cellular senescence, and at the laboratory of Dr. Yanping Zhang, University of North Carolina at Chapel Hill to study the role for ARF-MDM2-p53 pathway in tumor suppression. After he started his own laboratory at Cancer & Stem Cell Biology Programme, Duke-NUS Medical School in Oct, 2009, he identified a number of targets and modulators in ARF-MDM2-p53 pathway to reveal several novel non-canonical functions of ARF-MDM2-p53 pathway in preventing tumorigenesis, including those involved in cancer metabolism. He is currently an Associate Professor at Duke-NUS Medical School, and he continues to work on the functions of ARF and p53 as well as cancer metabolism

Contributing Keynote Speakers and Facilitators



Assoc. prof. Dr. Mohd Hairy Bin Ibrahim

Universiti Pendidikan Sultan Idris (UPSI)

Assoc. prof. Dr. Mohd Hairy Bin Ibrahim is senior lecturer and dean of faculty of social sciences and humanities at Sultan Idris Education University.



Assoc. Prof. Shukran Abd Rahman

International Islamic University of Malaysia

Shukran Abd Rahman is associate professor at Department of Psychology, International Islamic University Malaysia (IIUM). He attained Doctor of Occupational Psychology degree from Murdoch University, Australia. Shukran specialises in Occupational Psychology, and lectures in Personnel Psychology, Psychometrics, Organisational Change and Development, Career Development, and Issues in Personnel and Organisational Psychology. His research areas include career development; organization development; organizational behaviour; changes and development in higher education; employability and graduateness of students in higher learning institutions. He is currently the Dean of Kulliyah of Islamic Revealed Knowledge and Human Sciences; Coordinator for Graduatness Research Unit, IIUM, and an Associate Research Fellow at the National Higher Education Research Institute (IPPTN). He was the Head, Department of Psychology at IIUM, and a Visiting Academic in the Department of Educational Psychology at Taibah University, Saudi Arabia; and Universiti Sains Malaysia.



Lusi Nuryanti, Ph. D.

Universitas Muhammadiyah Surakarta, Indonesia

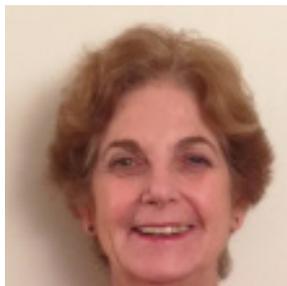
Lusi Nuryanti is a senior lecturer at Faculty of psychology, Universitas Muhammadiyah Surakarta. Her topic of interests is in disaster risk reduction, community resilience, qualitative research, well-being, and community mental health. Her focused of research is on the contribution of culture into community resilience and disaster risk reduction.



Assoc. Prof. Yayah Khisbiyah, M.A.

Universitas Muhammadiyah Surakarta, Indonesia

Yayah Khisbiyah is associate professor of Psychology at Universitas Muhammadiyah Surakarta, and Founding-Director of the Study Center for Culture and Social Change. She engages in Board of Directors of the Center for Peace and Conflict Studies, Muhammadiyah Central Board's Bureau of International Relation and Cooperation, and International Network for Peace Psychologists. Previously she served as a Senior Expert at Presidential Working Unit for Pancasila, and Program Director of Center for Dialogue and Cooperation Among Civilisations. She received Fulbright for her Master at the University of Massachusetts, and UNESCO scholarships for conflict and peace studies at European Peace University-Austria and Uppsala University-Sweden. Ms. Khisbiyah is a peacebuilder specialist with over 20 years of experience—with communities, governments (e.g. France, NZAid, DFAT Australia, SIDA, USAid), regional bodies (EU, ASEAN), UN agencies (ILO, UNICEF, WHO), inter/national NGOs (e.g., Ford Foundation, Religions for Peace, KAICIID), and various academic institutions. Her work has engaged her in peacebuilding contexts across many countries in Asia, North and Latin America, Europe, Africa and the Pacific. She is committed to integrating her scholarship and activism in three main fields: psychology of peace, religions for just peace, and ecological holistic wellbeing.



Assoc. Prof. Dr. Benina Gould

Saybrook University, United States

Benina Gould received her Ph.D. in clinical Psychology from the Fielding Institute, receiving the Annual Social Justice Award. She was awarded a two-year Carnegie Avoiding Nuclear War Fellowship at the Belfer Center for International Studies at Harvard University's Kennedy School of Government. While at the Kennedy School and as a visiting scholar at UC Berkeley's center for Slavic and East European Studies she completed a major academic publication "Living in the question? The Berlin Nuclear Crisis Critical Oral History Project." (<https://escholarship.org/uc/item/8jh8h3qp>). This followed many years of leading groups of psychologists to the former Soviet Union with the Track Two Citizens for Diplomacy project. At the present time Dr. Gould practices clinical psychology in Berkeley, California and teaches "Refugee, Trauma and Resiliency" as part of the Transformative Social Change Department at Saybrook University. She serves as a senior board member working with the Euro Center for the Study of Extremism (EuroCSE) in Cambridge, UK and recently presented papers on the "Psychology of Extremism" and "War, Trauma and Reconciliation" among Syrian refugees. Her Current research surveys the attitudes of religious and secular German and Turkish Muslim students in Münster, Germany. She believed that in the contexts of anti-Muslim and major refugee crisis, "voices" from all, especially youth, need to be heard more. Her major interest is in Social Justice, Pluralism and how to go Beyond Tolerance to be more inclusive of all religions.

**Prof. Dr. Agus Abdul Rahman*****Universitas Islam Negeri (UIN) Sunan Gunung Djati in Bandung***

Agus Abdul Rahman is Associate Pofessor and the Dean of Department of Psychology of Universitas Islam Negeri (UIN) Sunan Gunung Djati in Bandung, West Java. He received a doctorate degree in psychology from Universitas Indonesia with dissertation about moral principles, hypocrisy, and moral integrity. He is active in many organizations, including Pesantren Development Institutes of Muhammadiyah region of West Java; Islamic Psychology Association, and Psychology Scientific Consortium of PTKI. He is committed to expanding the literacy of Islamic Psychology by writing several relevant books. He wrote a book on social psychology that integrates Islamic knowledge and empirical knowledge and wrote a book on history psychology that underlines the development of Islamic psychology in the Middle Ages and nowadays. His research covers many issues in social psychology, moral psychology, Islamic psychology, cultural and indigenous psychology. He also frequently writes articles related to psychology, morality, and family matters. He was awarded “Satyalancana 15 tahun” by the President of Indonesia in 2016 for his dedication, loyalty, and skills.

**Prof. Shahnaaz Suffla, D.Phil.*****Institute for Social and Health Sciences, University of South Africa***

Shahnaaz Suffla is specialist scientist at the South African Medical Research Council-University of South Africa Violence, Injury and Peace Research Unit, Professor Extraordinaire at the University of South Africa, and President-Elect of the Psychological Society of South Africa. Her research interests draw from the intersections of critical African, community and peace psychologies, and public health, and are located within liberatory philosophies and epistemologies. Her thinking and scholarship is influenced by the vision of research as a transforming and humanising enterprise. Her niche areas are conflict, violence and peace, and participatory methodologies. Specifically, her research interests include a focus on peace promotion interventions in contexts of structural violence; participatory engagement as a site of activism, resistance and social change; and Africa-centered knowledges and knowledge-making, and is placed within several local, regional and international level research partnerships. Prof. Suffla has numerous publications in her areas of interest.

**Dr. Irfan Budi Pramono*****Watershed Management Technology Center, Ministry of Environmental and Forestry***

Irfan Budi Pramono obtained his B.S degree in the Faculty of Geography Gadjah Mada University. He obtained MSc degree at College of Forestry and Natural Resource, Colorado State University, USA and Ph D degree at Environmental Science, Sebelas Maret University. He is a Principal Researcher at Watershed Management Technology Center, Solo. He has conducting research on watershed hydrology since 1985. Now, he is coordinating research on Water Resource Conservation under Forestry Research and Development Agency, Ministry of Environmental and Forestry.



Assoc. Prof. Dr. Fuad Nashori, M. Ag.

Universitas Islam Indonesia (UII), Indonesia

Fuad Nashori is associate professor in psychology based at Universitas Islam Indonesia (UII) in Yogyakarta. Together with his colleague, Prof. Dr. Subandi from Universitas Gadjah Mada and Chairman of Islamic Psychology Association of Indonesian Psychological Association (HIMPPI) 2011-2020, Dr. Nashori is acknowledged as locomotive of Islamic psychology of Indonesia. Dr. Nashori is active in being a lecturer, researcher, writer, public speaker, and an organizer—especially related to Islamic psychology, social psychology, and research methods. He attained a doctorate degree from Universitas Padjadjaran Bandung as well as double master degrees from UIN Sunan Kalijaga Yogyakarta for Faith and Philosophy degree, and from Universitas Gadjah Mada for Psychology degree. He acts as a lecturer, a supervisor, and an examiner in UNPAD, UGM, UIN Walisongo Semarang, UII Yogyakarta, and Universitas Muhammadiyah Yogyakarta. Many books of his that have been published cover psychology, marriage, parenting, and creativity. He actively conducts some research every year related to forgiveness for ethnicity, improving happiness, creative process, and cognitive behavior therapy. He had been involved in international conferences as well held in China, Jakarta, and Kuala Lumpur. Being so active, he also received some rewards and scholarships from UII, UIN Sunan Kalijaga Yogyakarta, and the Indonesian Ministry of Research, Technology, and Higher Education. He is a father of five children.



Assoc. Prof. Dr. Nisa Rachmah Nur Anganthi

Universitas Muhammadiyah Surakarta (UMS), Indonesia

Nisa Rachmah Nur Anganthi is associate professor in psychology with interests in clinical and forensic psychology, especially those related to the psycho-spiritual dimension. She started teaching at Faculty of Psychology Universitas Muhammadiyah Surakarta from 1994 until now. She also serves as an expert staff and visiting lecturer in the Study Program of Psychology at Universitas Muhammadiyah Kalimantan Timur (UMKT) Samarinda since 2017. Her research and community service focus on the problem of psycho-spiritual intervention, religious-spiritual diversity, and various themes of health psychology, positive psychology, and deviant or abnormal behavior. In addition, she also practices as professional psychologist and consultant at Kak Seto Homeschooling “Inclusion School” in Surakarta (2010-now), and at the Psychological Assessment and Consultation Bureau in the Faculty of Psychology, UMS (1994-now). She is currently completing a hand book of Personality Psychology based on Spiritual-Ilahiah "Asmaul Husna" as a form of religious as well as scientific responsibilities in education and teaching.

**Mr. Setyo Purwanto*****Universitas Muhammadiyah Surakarta (UMS), Indonesia***

Setyo Purwanto is senior lecturer of Islamic psychology at Universitas Muhammadiyah Surakarta. He is currently taking a doctorate degree in clinical psychology at the Universiti Kebangsaan Malaysia which he started in 2018. He is a writer and a copyright holder of “Dzikir Nafas” (Zikr through Breath), a chairman of a foundation in Solo named “Spirit of Islam”, a trainer of Dzikir Nafas, Sadar Allah (Awareness of Allah), spiritual parenting, work motivation, Al-Qur’an consultation, and prayers. He obtained his bachelor and master degree from Universitas Gadjah Mada (UGM) Yogyakarta.

**Assoc. Prof. Dr. Nanik Prihartanti*****Universitas Muhammadiyah Surakarta (UMS), Indonesia***

Nanik Prihartanti is an expert on personality psychology who works as a lecturer at Psychology Faculty of Universitas Muhammadiyah Surakarta. Before getting a doctorate degree in 2003, she attained a bachelor degree in psychology and a master degree in clinical psychology consecutively in 1986 and in 1994. She got all the degrees from Universitas Gadjah Mada (UGM) Yogyakarta. Dr. Nanik has been working as a lecturer and a psychologist in UMS, as well as an assessor at Board of National Accreditation for Higher Education (BAN-PT). Being active since 1991, 5 years after her graduation, she involved herself in many activities such as publishing articles and books, doing scientific activities, conducting research, and examining dissertation.

ISETH 2019 Technical Experts

ICIIP Technical Experts

Dr. Ahmad Rusdi

Islamic Psychology, Measurement of character
Universitas Islam Indonesia, **Indonesia**

Ali Mahmud Ashbiddiqi, S.Pd.I., M.A.

Educational Psychology, Islamic Psychology, Islamic Education
Universitas Islam Indonesia, **Indonesia**

Assoc. Prof. Benina Gould

Clinical Psychology, Psychology and Extremism
Saybrook University, **United States**

Dr. Daliman, S.U.

Educational psychology, Entrepreneurship education, Guidance and counseling, School psychology
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Prof. Kumaidi, Ph.D.

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Education psychology, Early child education, Parenting
Universitas Muhammadiyah Surakarta (UMS), **Indonesia**

Lusi Nuryanti, Ph.D.

Qualitative research, Grounded theory, Community resilience, Disaster Psychology
Universitas Muhammadiyah Surakarta (UMS), **Indonesia**

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Critical Community Psychology, Safety and Health Promotion, Violence and Injury Prevention, Spirituality and Religion in Human Development
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Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

ICOEBS Technical Experts**Assoc. Prof. Dr Sivaram Vemuri**

Cost of Silence in workplaces, Diaspora Business, Sustainable Livelihoods
Charles Darwin University **Australia**

Prof. Dr. Md. Mamun Habib

Supply Chain Management, Operations Management, Operations Research (Visiting Scientist, University of Texas - Arlington, USA)
BRAC Business School, BRAC University **Bangladesh**

Mrs Aflit Nuryulia Praswati

Management
Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Dr Agung Riyardi

Microeconomics, Econometric

Universitas Muhammadiyah Surakarta **Indonesia**

Akhmad Syakir Kurnia, SE., M.Si., Ph.D

Economics

Universitas Diponegoro **Indonesia**

Andi Dwi Bayu Bawono, Ph.D

Public sector accounting

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

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Economics and business

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Bhimo Rizky Samudro, S.E., M.Si., PhD

Political Economics, Institutional Economics

Universitas Sebelas Maret **Indonesia**

Mrs. Dewita Puspawati, S.E., Ak., M.Sc.

Accounting

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Dr. Edy Purwo Saputro, M.Si

Management

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Ihwan Susila, Ph.D

Marketing, Human resources management

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Mr Imron Rosyadi

Finance

Universitas Muhammadiyah Surakarta **Indonesia**

Imronudin, Ph.D

Financial management

Universitas Muhammadiyah Surakarta (UMS) **Indonesia**

Jaka Sriyana., Ph.D

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Universitas Jenderal Soedirman **Indonesia**

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Dr MOHD ERFY ISMAIL

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(Contact Mechanics, Failure Prediction, Defect Detection, Mechanical Engineering of Railways, Wear Tribology)

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