



ASIA INTERNATIONAL MULTIDISCIPLINARY CONFERENCE

AIMC 2017

ASIA INTERNATIONAL MULTIDISCIPLINARY CONFERENCE 2017

TECHNOLOGY & SOCIETY:
A MULTIDISCIPLINARY PATHWAY FOR
SUSTAINABLE DEVELOPMENT

1-2 MAY 2017

UNIVERSITI TEKNOLOGI MALAYSIA

Social Sciences and Humanities

FOCUS AREAS

- Social Sciences and Humanities
- Science, Technology and Engineering
- Economics, Business and Management
- Life Science and Others



ASIA
ACADEMIA SOCIETY & INDUSTRY ALLIANCE

AIMC 2017
ASIA International Multidisciplinary Conference

Social Sciences &
Humanities
(SSH 2017)

(SSH 2017)
Humanities
Social Sciences &

TABLE OF CONTENTS

CHAPTERS	PAGE
Table of Contents	i
Pre-Conference Training Workshop	ii
Conference Program AIMC 2017	iii
Schedule for AIMC 2017	iv
Conference Gala Dinner	v
Welcome Messages from Conference Chair	vi
Guide to Session Chairs	vii
Session Chairs & Judges	viii
Editorial Team	x
Team ASIA	xiii
Team for AIMC 2017	xiv
Coordinators for AIMC 2017	xv
Our Dignitaries	xvi
Connecting Asia Conference Management System Network (CACMSN)	xix
Abstracts for AIMC2017	1-245
Future Conferences	246
Future Workshops	247

Pre-Conference Training Workshop

ASIA International Multidisciplinary Conference 2017

Pre-Conference Workshop Series



Workshop 1

Prof. Dr. Amran Md Rasli, Universiti Teknologi Malaysia, Malaysia
Topic “Underlying concepts and assumptions for SEM”
 30 April 2017, UTM Johor Bahru

Workshop 2

Dr. Mohammad Imran Qureshi, Universiti Kuala Lumpur, Malaysia
Topic “Structural Equation Modeling (SEM) Using SmartPLS”
 30 April 2017, UTM Johor Bahru



Single Workshop Fee = RM 125 - Both Workshops Fee = RM 200
 CIMB Bank Account#: 7612232265, Title: Muhammad Yasir
 Please send payment proof to utmiccasia@gmail.com for confirmation.



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Innovation and Commercialisation Centre (ICC)

AIMC 2017

ASIA International Multidisciplinary Conference



ASIA
ACADEMIA SOCIETY & INDUSTRY ALLIANCE



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

Innovation and
Commercialization
Centre
(ICC)



ASIA
ACADEMIA SOCIETY & INDUSTRY ALLIANCE

AIMC 2017

ASIA International Multidisciplinary Conference

Conference Program

Schedule for AIMC 2017

Conference Theme: Technology and Society: a multidisciplinary pathway for sustainable development

Venue: Seminar Room 2, FAB, Universiti Teknologi Malaysia, Johor Bahru, Malaysia

Monday, 1st May 2017

Time	Event
07:30-08:45	Registration
08:45-09:00	Guests Seating
09:00-09:20	Opening Note by Prof. Dr Amran Rasli (UTM)
09:20-09:40	Keynote Speech by Prof. Dr Rajah Rasiah (UM)
09:40-10:00	Keynote Speech Prof. Dr Hadi Nur (UTM)
10:00-10:15	Introduction of Connecting Asia by Dr Muhammad Imran Qureshi (UniKL)
10:15-10:20	Group Photograph
10:20-10:45	Breakfast
10:45-13:00	Parallel Sessions / 5Slides 5 Minute 5 Slides (5S 5M)) Competition /Poster Presentation Competition
13:00-14:00	Lunch & Prayer Break
14:00-16:00	Parallel Sessions
	5Slides 5 Minute 5 Slides (5S 5M) Competition
	Poster Presentation Competition
16:00-16:15	Tea Break
16:15-18:15	Parallel Sessions
	5Slides 5 Minute 5 Slides (5S 5M) Competition
	Poster Presentation Competition

CONFERENCE GALA DINNER

AIMC 2017

ASIA International Multidisciplinary Conference

Venue: Pulai Spring Resort, Skudai, Johor Bahru^a

Date: 1 May 2017

Time: 19:00 – 22:00 Hours

Time	Program
19:00 – 19:30	Registration & Guest Seating
19:30 – 19:40	Welcome Speech by Conference Chairman Prof. Dr Amran Rasli
19:40 – 20:00	Keynote address by Vice Chancellor UTM, Prof. Datuk IR. Dr Wahid Bin Omar
20:00 – 20:05	Montage (ASIA Achievements & AIMC 2017)
20:05 – 20:15	About ASIA till Now and Future Plans of ASIA, Launch of ASIA Membership Campaign
20:15 – 20:30	Presentation of Awards and cash prize
20:30 – 21:15	Cultural Event
21:15 – 21:20	Photo Sessions
21:20 – 22:00	Networking & Dinner
22:00	End of the Event

Dinner Theme: Connecting People Globally

Dinner Attire: Traditional Attire^a

Tuesday, 2 May 2017

09:00-17:00	Virtual Conference (Audience is not allowed)
-------------	-----------------------------------------------------

^a20km, Jalan Pontian Lama, 81110 Pulai, Johor Malaysia

Tel : +607 521 2121, Fax : +607521 1818, Email: enquiry@pulaisprings.com

^b(The Guests are requested to wear their own Country's Traditional Attire)

WELCOME MESSAGES FROM CONFERENCE CHAIR

Professor Dr Amran Rasli

We welcome all respected Researchers to the AIMC 2017, ASIA International Multidisciplinary Conference on four sub-themes i.e. Social Sciences and Humanities, Life Sciences, Science, Technology and Engineering, Economics, Business and Management. AIMC 2017 received more than 1700 abstracts from 22 countries. However, after rigorous review process, 500 quality abstracts were selected for oral presentations. The presentations are divided into different categories including 5Slides 5Minute (5S 5M) competition which are a trademark of ASIA, poster presentation competition and oral presentations with a cash prize for winners. These papers cover a wide range of disciplines consisted of Social Sciences and Humanities, Psychology, Education, Linguistics, Civilization and Law, Anthropology, Life Sciences, Environmental Sciences, Biosciences, Pharmacy, Medical Sciences, Earth sciences, Geology, Agriculture, Anatomy, Genetics, Zoology, Science, Technology and Engineering, Civil Engineering, Mechanical Engineering, Chemical Engineering, Electrical Engineering, Energy, Marine Engineering, Information technology and Computer science, Bioinformatics, Geo-informatics and real states, Mathematics, Physics and Chemistry, Economics, Business and Management, Economics, Business Management, Accounting and Finance, Management, Marketing, Technology management, Human Resource and Operations Management, that bring new and general insights body of knowledge and research world. We are delighted that we will have Special Keynote Speakers Prof. Datuk Ir. Dr Wahid bin Omar Vice Chancellor UTM, Prof. Dr Rajah Rasiah. Professor Dr Hadi Nur and Dr Muhammad Imran Qureshi. They will deliver an insightful keynote on the emerging agenda of the conference. ASIA is a Research society intended to create a symbiotic partnership between academia and industry to provide sustainable solutions for social and industrial issues. ASIA Mediterranean network is a conference management system which aims to bring all respective stakeholders, including practitioners, educators, and professionals on one platform from all over the globe to share the latest developments and transfer the academic and tacit knowledge to make the society more sustainable and knowledgeable. Recently the ASIA Mediterranean Network conducted 2nd ASIA International Conference AIC 2016 at UTM Kuala Lumpur Malaysia. In addition, 2nd AFAP International Conference on Entrepreneurship and Business Management (AICEBM 2015) was successfully conducted at Kuala Lumpur Malaysia. In 2015 ASIA International Conference (AIC 2015) in collaboration with UTM-ICC was also successfully organised. In the same vein, ASIA extends the journey of success to organise ASIA International Multidisciplinary Conference AIMC 2017 in collaboration with UTM-ICC, and Universiti Teknologi Malaysia on four sub-themes i.e. Social Sciences and Humanities, Life Sciences, Science, Technology and Engineering, Economics, Business and Management.at Universiti Teknologi Malaysia, International Campus, Johor Bahru, Malaysia.

GUIDE TO SESSION CHAIRS

Before Session

1. Please arrive at the meeting room 5 minutes earlier before the session starts.
2. You can check the program on the official conference website in advance.
3. If there are any changes of the session time or presenting abstract, the working staff will notify you right at the registration desk.

During Session

1. Please divide the available time equally among all presenters. Each paper should be presented in ten minutes, followed by three minutes discussion time.
2. At the beginning of the session, briefly, introduce yourself, announce of your arrangement of the presentations to the presenters and the audience. Please make sure the presenters are aware that they will receive their certificate at the end of the session.
3. We will have our working staff ready at the end of each session to take a group picture of the participants, please help to gather everyone for the photo shoot.
4. Papers with more than one author do not get any extra time for the presentation.
5. Please remind the presenters of the remaining time they have three minutes before the end of their presentation. If a speaker goes beyond the allotted time, the session chair should ask him/her to close the presentation promptly and politely.
6. Confer the certificate of participation to every presenter at the end of the session.
7. Please try to make sure the session timely proceeds since some attendees need to move from session to session.
8. If any problem which affects the continuation of your session appears, please send someone to contact the organisers.
9. If any of the presenters fail to appear at the session, please return their certificates to the organising committee.

SESSION CHAIRS & JUDGES

Names	Area	University
Prof. Dr. Amran bin MD. Rasli	Management	UTM
Prof. Dr. Rajah A/l Rasiah	Business Economics	UM
Dr. Nurwina Akmal Binti Anuar	Biosciences and Health Sciences	UTM
Dr. Shafqat Ullah Khan	Communication/Electrical Engineering	UTM
Dr. Muhammad Adil Khattak	Mechanical and Nuclear Engineering	UTM
Dr. Rashid Ahmed	Physics	UTM
Dr. Kashif Tufail Choudhary	Physics and Biomedical Engineering	UTM
Dr. Usman Ullah Sheikh	Electronics and Computer Engineering	UTM
Dr. A. S. A. Ferdous Alam	International Business Management	UUM
Dr. Mastura Mahfar	Management	UTM
Prof. Madya Dr. Khairil Wahidin bin Awang	Economics and Management	UPM
Dr. Zainudin bin Hassan	Education	UTM
Dr. Aqeel Khan	Education	UTM
Dr. Farhana Diana Deris	Linguistics and Online Learning	UTM
Dr. Mehrbakhsh Nilashi	Computing	UTM
Dr. Zahid Sultan	Built Environment	UTM
Dr. Dodo Yakubu Aminu	Sustainable Architectural Education	UTM
Dr. Munirah Binti Onn	Applied Sciences	UiTM
Dr. Yulia Hendri Yeni	Business and Management	Unand,
Dr. Syed Zuhaib Haider Rizvi	Lasers Induced Plasma	UTM
Dr. Maqsood Ahmed	Nuclear Energy Physics	UP, Pakistan
Assoc. Prof. Dr. Mukhiddin Muminov	Analysis, Mathematical Physics	UTM
Dr. Mazlina Mustapha	Economics and Management	UPM
Dr. Jafri bin Mohd. Rohani	Industrial and Mechanical Engineering	UTM
Dr. Ani Bin Shabri	Mathematics/Statistics	UTM
Dr. Basheer Ali Ghazali	Business and Management	KFU, SA
Dr. Mohamed Ayyub Hassan	Human Resource Development	UTM
Prof. Madya Dr Torehman	Management	UTHM
Dr. Abdullah Hisam Omar	Geo Information	UTM
Dr. Mhammed Amin Azimi	Built Environment/ Civil Engineering	UTM
Dr. Suresh Ramakrishnan	Accounting and Finance	UTM
Dr. Goh Chin Fei	Business and Management	UTM
Dr. Tan Sui Hong, Helen	Business and Management	UTM
Assoc. Prof. Dr. Ismail Said	Built Environment	UTM
Dr. Associate Prof. Datin Dr. Hasmah Binti Zanuddin	Department of Media Studies, Faculty of Arts and Social Sciences	UM
Dr. Inam Abbasi	Electrical Engineering	UTM
Dr. Qais Ali	Computing	UTM
Dr. Usman Ahmad	Computing	LCW, Pak

Names	Area	University
Dr. Kang Chia Chao	Electrical Engineering	Uni KL
Dr. Tan Owee Kowang	Management / Mechanical Engineering	UTM
Dr. Muhammad Imran Qureshi	Operation Management	Uni KL
Dr. Solomon Olayinka	Management	UTM
Dr. Monica Obi	Education	UTM
Asso. Prof. Dr. Hashanah Binti Ismail	Economics and Management	UPM
Dr. Susilawati Toemen	Chemistry	UTM
Dr. Salmiah Jamal Mat Rosid	Chemistry	UTM

EDITORIAL TEAM

Head Editorial Advisory Board

Prof. Dr. Amran Bin Md. Rasli
Director, Innovation and Commercialisation Centre,
Universiti Teknologi Malaysia, Malaysia.

Editor-in-Chief

Dr. Muhammad Imran Qureshi
Malaysian Institute of Industrial Technology (MITEC), Universiti Kuala Lumpur,
Malaysia

Co-editors

Dr. Muhammad Siddique Malik
University of the Punjab, Pakistan
Dr. Muhammad Muddassar Khan
Abbottabad University, Pakistan

Editorial Assistant

- Hishan Shanker Sanil
- Muhammad Yasir
- Farhan Jamil
- Noor Ullah Khan
- Muhammad Aamir
- Arslan Umar
- Abrar Ullah
- Abdul Sami

Editorial Board Members

Name	Affiliation
Prof. Dr. Rosman Md. Yusoff	Dean, Centre for General Studies and Co-Curricular Universiti Tun Hussein Onn Malaysia, Johor, Malaysia
Prof. Dr Khalil Md Nor	Dean & Professor, Faculty of Management, UTM, Malaysia.
Prof. Dr Rohaizat Bahrn	Deputy Dean (Research & Innovation) & Professor, Faculty of Management, UTM, Malaysia.
Prof. Dr Nasser Ali Khan	Vice Chancellor, Haripur University, Pakistan
Prof. Dr Kamariah Ismail	Director, Technology Entrepreneurship centre, Faculty of Management Universiti Teknologi Malaysia, Malaysia.
Prof. Dr Ayuba A Aminu	University of Maiduguri, Borno State. Nigeria
Prof. Dr Cai Jianfeng	Vice Dean School of Management, Northwestern Poly Technical University, Xian, China
Prof. Dr Liaquat Ali	Chairman School of Chemistry, Shaheed Benazir Bhutto University, Shaheed Benazirabad, Sindh, Pakistan.
Assoc. Prof. Dr Rosmaini Bin Tasmin	Universiti Tun Hussein Onn Malaysia
Assoc. Prof. Dr Aqeel Ahmed	Director Academics UCP Business School, University of Central Punjab, Lahore (Pakistan)
Assoc. Prof. Dr Daut Daman	King Abdul Aziz university, Saudi Arabia.
Assoc. Prof. Dr Ahmad Jusoh	Faculty of Management, UTM, Malaysia.
Assoc. Prof Dr Md Bilal Ali	UTM, Malaysia.
Assoc. Prof Dr Hussin Salomon	UTM, Malaysia.
Assoc. Prof. Dr Rosmini Omar	UTM, Malaysia.
Assoc. Prof Dr. Heethal Jaiprakash	MAHSA university, Kuala Lumpur, Malaysia
Assoc. Prof Dr Prajna Barke	Course Director Department of Physiology St. Matthew's University School of Medicine Cayman Islands
Assistant Prof. Dr.Fatima Bint- e-Munir	Department of Physics, GC University Lahore
Assistant Prof. Dr Nahid Akhtar	Department of Mathematics, GC University, Lahore
Assistant Prof. Dr Muhammad Afzal.	School of chemistry, Shaheed Benazir Bhutto University, Shaheed Benazirabad, Sindh, Pakistan.
Assistant Prof. Dr Amira Khattak	College of Business Administration Prince Sultan University Riyadh Saudi Arabia
Assistant Prof. Dr Umara Noreen	College of Business Administration, Prince Sultan University, Women Campus, Riyadh, Saudi Arabia
Assistant Prof. Dr Girish M. Bengalorkar	ESI MEDICAL COLLEGE & PGIMSR. Rajajinagar. Bangalore 560010. India
Assistant Prof. Dr Navin Satyanarayan	Department of Biochemistry Gulbarga Institute of Medical Sciences, Gulbarga. India
Dr Suresh Ramakrishnan	Faculty of Management, UTM, Malaysia.
Dr Krzysztof Dziekonski	University of the West of England
Dr Hadi Jamshidi	Payame Noor University. Tehran, Islamic Republic of Iran.
Dr Bandar (Khalaf) Al-Harthi	Dar Al Uloom University, Saudi Arabia, Saudi Arabia.

Name	Affiliation
Dr Talal Ratyan Alanazi	King Abdulaziz Military Academy, Saudi Arabia.
Dr Hamid Rashidi Nodeh	Department chemistry, faculty of science, University of Tehran.
Dr Ibrahim Danjuma	Modibbo Adama University of Technology, Nigeria.
Dr Chen Lisha and Dr Ivan Sun	Hebei University, China.
Dr Goh Chin Fei	Faculty of Management, UTM, Malaysia.
Dr Rafia Faiz	Institute of Business Administration, University of the Punjab, Lahore, Pakistan.
Dr. Faisal Khan	Centre for Management and Commerce, Department of Management Sciences, University of Swabi, Pakistan.
Dr. Azlin Shafinaz Arshad	Universiti Teknologi MARA, Shah Alam, Malaysia
Dr. Shaghayegh Malekifar	RMIT, Vietnam
Dr Tan Owee Kowang	Faculty of Management, UTM, Malaysia.
Dr Low Hock Heng	Faculty of Management, UTM, Malaysia.
Dr. Yulia Hendri Yeni	Andalas University, Kampus Limau Manis Padang, Indonesia
Dr Ashfaq Ahmed	Department of Business Administration, University of Sargodha, Pakistan.
Dr Syed Zulfiqar Ali shah	Deputy Dean (FMS), In-charge, Accounting and Finance Department, International Islamic University, Islamabad, Pakistan.
Dr Hamid Rashidi Nodeh	Department chemistry, faculty of science, University of Tehran.
Dr Ahmad Raza Bilal	Superior University Lahore, Pakistan.
Dr Ahmad Shekarchizadeh	The Islamic Republic of Iran.
Dr Muhammad Siddique	Department of Business Administration, University of Sargodha, Pakistan.
Dr Naveed Iqbal Ch.	Head of Department Business Administration, University of the Punjab, Gujranwala Campus, Pakistan.
Dr Shafqat Ullah Khan	Communication/Electrical Engineering Universiti Teknologi Malaysia
Dr Muhammad Adil Khattak	Mechanical and Nuclear Engineering, Universiti Teknologi Malaysia
D. Rashid Ahmed	Physics, Universiti Teknologi Malaysia
Dr Muhamad Ishaq	School of Natural Sciences, National University of Sciences and Technology Islamabad, Pakistan
Dr Zardad Khan	Department of Statistics, Abdul Wali Khan University Mardan, Pakistan.
Dr Maqsood Haider	Assistant Prof. FATA University, FR, Kohat, Pakistan
Dr Muhammad Tariq	Department of Economics, Abdul Wali Khan University Mardan, Pakistan.

Team for AIMC 2017

Conference Chair

Professor Dr Amran Rasli

Program Director

Dr Muhammad Imran Qureshi

Committee Heads

- ✓ Aliyu Isah-Chikaji
- ✓ Hishan Shanker Sanil
- ✓ Muhammad Yasir
- ✓ Muhammad Aamir
- ✓ Mansoor Nazir Bhatti
- ✓ Arslan Umar Advocate
- ✓ Farhan Jamil
- ✓ Noor Ullah Khan
- ✓ Abrar Ullah
- ✓ Muhammad Shafiq
- ✓ Abdul Sami
- ✓ Abdul Ghafoor Qazi
- ✓ Haider Ali Shah
- ✓ Muhammad Ashfaq
- ✓ Muhammad Murad Khan

Organizing Team AIMC 2017

Abdul Kareem Muyideen	Nasiru Zakria
Ali Hussain Sabeen	Natalie Vanessa Boyou
Amina Usman	Nor Hafizuddin Bin Husein
Arbab Alamgir	Saeed Balubaid
Arshad Hussain	Sobia Irum
Azwad Abid	Syed Muhammad Ahmad Hassan Gillani
Bala Salisu	Tijani Hamzat Ibiyeye
Evalian	Touqeer Ahmed
Faisal Ahmad	Waheeb abdel Rahman
Farhan Sarwar	Yusuf D Opaluwa
Ghani ur Rehman	Zaheer Ahmad
Hamad Raza	Zia ur Rehman
Hassan Khan	
Joyce Tan Chiau Joo	
Logais Wari	
Malik Muhammad Asif Iqbal	
Muhamad Kamal Jaáfar	
Muhammad Arif Khan	
Muhammad Salman	
Muhammad Wasim Akram	
Nabeelah zain ul Abideen	

OUR DIGNITARIES



Prof. Datuk. Ir. Dr Wahid bin Omar
Vice-Chancellor,
Universiti Teknologi Malaysia

Datuk Wahid Omar is a Professor of Structural Engineering at the Faculty of Civil Engineering, Universiti Teknologi Malaysia (UTM). He was appointed as the Vice-Chancellor of UTM in September 2013. Wahid Omar obtained his PhD. in Structural Engineering from the University of Birmingham, his Master's degree in Bridge Engineering from the University of Surrey, and his Bachelor of Science in Civil Engineering degree from the University of Strathclyde, United Kingdom. He is a Fellow of the Institution of Engineers

Malaysia, a registered Professional Engineer with the Board of Engineers Malaysia and a member of various professional bodies. He is also an Honorary Member of the ASEAN Federation of Engineering Organization (AFEO). His areas of expertise include structural assessment, reinforced and pre-stressed concrete and ductility of high strength concrete and project management. Prior to his present appointment, he was the Deputy Vice-Chancellor (Development) (2011-2013) and the Director of the Office of Asset and Development (2008-2011). In his capacity as the then Director of the Office of Asset and Development, he was entrusted with a major task to manage UTM campus development projects worth RM1 billion.



Professor Dr Amran Rasli has a PhD in Society, Business & Globalisation from Roskilde University, Denmark. He is currently the Director of Innovation and Commercialization Centre, Universiti Teknologi Malaysia. His main task is to screen UTM research and development projects, and subsequently, create commercial ventures through licensing and/or formation of spin-offs companies. He is a director of two spin-off companies on behalf of UTM. He also liaises, plans and conducts entrepreneurship activities with funding

agencies to ensure the sustainability and impact for the entrepreneurs and the agencies concerned. At the Faculty of Management, Prof. Dr Amran Rasli teaches postgraduate students, supervise doctoral students, conduct research projects and write journals for publication as per the expectation of the university. Prof. Dr Amran Rasli is still active in doctoral supervision having graduated 31 PhD scholars so far. He had been invited as a visiting professor at University College of Engineering and Technology, Pahang, Indian Institute of Risk Management, Hyderabad, India, Hebei University, China, Kaunas Technological University, Lithuania, National Central University, Taoyuan, Taiwan, National Chen Kung University, Tainan, Taiwan and Universitas Sebelas Maret, Surabaya, Indonesia. He is currently an Adjunct Professor at Asia E-University.



Dr Rajah Rasiah is Professor of Economics and Technology Management at the Faculty of Economics and Administration, University of Malaya. He was the first holder of the Khazanah Nasional Chair of Regulatory Studies and a Professorial Fellow at UNU-MERIT and a member of the GLOBELICS scientific board, and an advisory member of the Industrial Development Research Centre, Zhejiang University. He is also a member of the National Science Research Council, Malaysia, and an advisory member of the Export Committee of the Ministry of International Trade and Industry, Malaysia. He has contributed extensively to projects commissioned by UNCTAD, World Bank, ILO, UNIDO, UNESCO, UNDP and WIPO in Africa, Asia and Latin America. He obtained his doctorate in Economics from Cambridge University in 1992 and was a Rajawali fellow at Harvard University in 2014. He is the 2014 recipient of the Celso Furtado prize from the World Academy of Sciences for his contributions to the field of social sciences. He has published more than 300 research articles in SCOPUS, ISI indexed and Impact factor journals. He has supervised 32 Doctoral Theses and 18 Master Theses. More than 100 scientific papers have been presented since 2007 at various international conferences. About 17 books have been published in national and international publishers. His work has been cited extensively (>3700) with 94 i10 index and h index 31.



Dr Hadi Nur is a Professor and specialised in advanced materials and heterogeneous catalysis. His main field of undergraduate and graduate studies was in chemistry and materials engineering at the Institut Teknologi Bandung. He obtained his B.S. and M.Eng. (cum laude) degrees in 1992 and 1995, respectively. Shortly after that, he continued his postgraduate studies in zeolite chemistry at the Universiti Teknologi Malaysia (UTM) as he received his PhD degree in 1998. His postdoctoral studies started with a year as a UTM Postdoctoral Fellow and with two years as a Japan Society for Promotion of Science (JSPS) Postdoctoral Fellow at Catalysis Research Center (CRC), Hokkaido University, Sapporo, Japan. He continued there as a Center of Excellence (COE) Visiting Researcher at CRC for half a year. In May 2002, he joined the Ibnu Sina Institute for Fundamental Science Studies, Universiti Teknologi Malaysia. He was a visiting scientist at the Institute for Heterogeneous Materials Systems, Helmholtz-Zentrum Berlin for Materials and Energy, Germany from July to September 2015. Currently, he is a full professor at UTM. He has supervised many postgraduate students studying for PhD and M.S. degrees in heterogeneous catalysis and advanced materials, for example, zeolite chemistry and catalysis, photocatalysis, semiconductor nanoparticle-polymer composite, bifunctional oxidative, and acidic catalysts and phase-boundary catalysis. Currently, he and his family enjoy living in Johor Bahru area and are glad that they made the move.



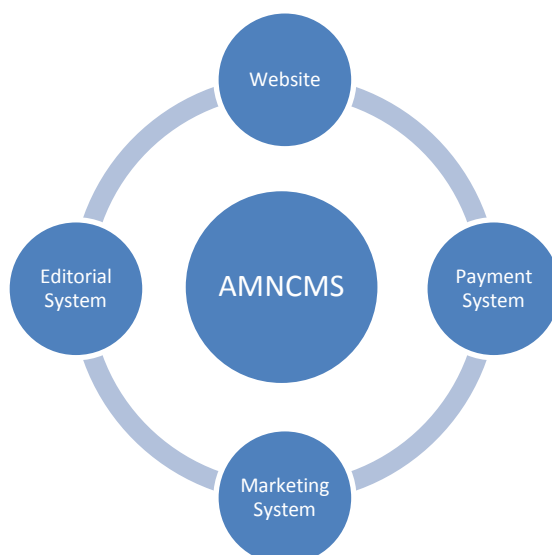
Muhammad Imran Qureshi is a doctor of management from Universiti Teknologi Malaysia. His doctorate research focused on the work practices for sustainable manufacturing under Socio-technical systems context. He is currently working as a senior lecturer in Malaysian Institute of Industrial Technology (MITEC), Universiti Kuala Lumpur. He is also founding Director of Connecting ASIA research network. He has ten years of teaching experience in the field of Operations Management, Strategic Management, Project Management, Total Quality Management, Statistical Process Control, Environmental Management, Logistic and

Supply Chain Management, Production Management and Operations Research, Statistics and Data Analysis. He is a professional trainer for data analysis. He has conducted several workshops on Structural Equation Modeling (SEM) using AMOS and SMART PLS, qualitative data analysis using NVIVO. On the research side, his research profile consists of more than 100 research publications in renowned journals with a cumulative impact factor above 34. He has written several impact factor publications with world renowned publishers like ELSEVIER and SPRINGER in the area of Operations Management, Environmental Management, Sustainability and Organizational Behavior. His work has been cited extensively with 15 i10 index and h index 12.

CONNECTING ASIA CONFERENCE MANAGEMENT SYSTEM NETWORK (CACMSN)

AMNCMS provides all solutions for the problems in managing conferences. This is a comprehensive system to manage conference website, marketing and payment system. AMNCMS also contains an integrated editorial system for submission and review of the conference articles. AMNCMS enables conference organisers to manage multiple conferences on the single web and provide hassle free easy to use interface for organisers and researchers over the globe. AMNCMS is undergoing the process for copyright protection as stipulated by the commercialization policy of Universiti Teknologi Malaysia (UTM). Many local and international conferences are using AMNCMS for hassle free conference management. Our team is committed to providing quality services to satisfy conference organisers needs.

CONNECTING ASIA CONFERENCE MANAGEMENT SYSTEM NETWORK



Website: <http://asiamediterranean.org/>

Facebook: <https://www.facebook.com/pages/Asia-Mediterranean/590949974341516?ref=hl>

Twitter: <https://twitter.com/AsiaMedit>

Linkedin: <https://www.linkedin.com/profile/view?id=428704001&trk=hp-identity-name>

Instagram: <https://www.instagram.com/asiamediterranean/>

Call /Whatsapp: +601126277412,

Email: Editor@asiamediterranean.org, info@asiamediterranean.org

Address: UTM Innovation and Commercialisation Centre, Industry Centre, Technovation Park, Universiti Teknologi Malaysia, 81300 Johor Bahru, Johor, Malaysia.

5 Slide Minute
RESEARCH PRESENTATION COMPETITION

Call for Paper



UTM
UNIVERSITI TEKNOLOGI MALAYSIA
Innovation and Commercialisation Centre (ICC)



ipmi
INTERNATIONAL BUSINESS SCHOOL



ASIA
ACADEMIA SOCIETY & INDUSTRY ALLIANCE

International Conference on Management, Accounting, Business and Entrepreneurship (ICMABE 2017)

Tentative Dates: 15 - 18 October, 2017
Tentative Venue: Jakarta, Indonesia

Themes
Management, Accounting and Finance,
Entrepreneurship & Business

All accepted articles will be published in **Scopus** indexed journals

Scopus

For further information please visit: <http://asiamediterranean.org>
Our Facebook page: <https://www.facebook.com/infoconnectingasia/>

5 Slide Minute
RESEARCH PRESENTATION COMPETITION

Call for Paper



ASIA
ACADEMIA SOCIETY & INDUSTRY ALLIANCE



UTM
UNIVERSITI TEKNOLOGI MALAYSIA
Innovation and Commercialisation Centre (ICC)

3rd ASIA International Conference 2017 (AIC-2017)

Tentative Dates: 16-17 December 2017
Tentative Venue: UTM, Kuala Lumpur, Malaysia

Themes
Marketing, Management, Finance, Economics, Sustainability,
Humanities & Education

All accepted articles will be published in **Scopus** indexed journals

Scopus

For further information please visit: <http://asiamediterranean.org>
Our Facebook page: <https://www.facebook.com/infoconnectingasia/>

PERSONALITY AND SOCIAL SUPPORT: EFFECT ON CULTURAL COPING INDONESIAN WOMEN MIGRANT WORKER

Corresponding Author: Anizar Rahayu

Persada Indonesia University (UPI) YAI

Co-Authors: Anizar Rahayu

Abstract

Introduction: *Women who work as domestic workers abroad face many difficulties and stress in handling the work and adaptation in different countries and culture. Difficulties and stress requires coping skills for dealing with a new environment, so their hopes and dreams of working abroad reached. Culturally, Javanese coping is done by approaching and engaging (mulur) or avoiding and collaborative coping (mungkrut). This study wanted to explore further the cultural coping run by Indonesian women migrant worker and the factors that influence it, including personality (extraversion, neuroticism and openness) and social support (family, friends and authorities).* **Methodology:** *This study included 212 Indonesian women migrant worker who worked as domestic workers in Taiwan and Hong Kong at least 3 years and by the time was in the dormitory shelter waited for departure back to Taiwan and Hong Kong. The variables were measured by three scales. Coping cultural was measured by adapting cultural coping scale developed by Kuo (2006), Big Five Factors from Mc Rae and Costa (1997), whereas social support was measured with a scale from Doeglas, et.al. (1996). Data was analyzed using multiple regression to saw the influence of the independent variables and multiple regression with stepwise techniques to see the contribution of each aspects.* **Findings:** *Based on data found that the variables have a significant effect. This study showed that cultural coping of Indonesian women migrant working affected significantly by high extraversion personality, family support and friend support. The other aspect had no significant.* **Contribution:** *The implication of this research was important to the Government to develop a psychological selection system to find the competence of migrant worker, so that the placement of migrant workers is in accordance with the required work competence. In addition, the government needs to provide policies that favor prospective workers abroad. A training at the village is linked to healthy living/ hygienic lifestyle, social etiquette, household skills and various information regarding employment and legal issues. Agents also need to increase their role to women working abroad so that they can complete the contract works comfortably.*

Keywords: migrant worker, subjective well-being, coping cultural, psychological capital, social support