

INTERNATIONAL CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY

FOR THE MUSLIM WORLD

4th - 6th June 2021

KUANTAN, PAHANG **MALAYSIA**

Program Book

CT4M

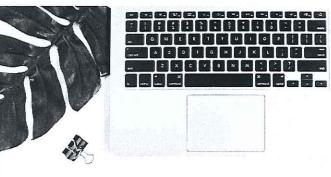
Embracing eHealth in **Facing the Challenges** of IR 4.0 in the Muslim World

http://ict4m.iium.edu.my/

Table of Contents

Conference Overview	1
Organizing Committees	2
Messages	3
Keynote Speakers	7
Conference Program1	4
Parallel Sessions1	9
Paper Abstracts3	9

ICT4M • June. 04-06, 2021





Conference Overview

ICT4M is a conference that gathers academicians, researchers, practitioners, professionals, and students to address the challenges of Information and Communication Technology (ICT) for the Muslim world. It is hosted by the Kulliyyah of Information and Communication Technology, International Islamic University Malaysia (KICT, IIUM). This conference has been conducted seven times so far with the most recent location in Kuala Lumpur, Malaysia on 23–25 July 2018.

For this upcoming event, ICT4M 2021 will be conducted as a virtual conference on the 4th – 6th of June 2021 at the IIUM Kuantan Campus due to the current COVID-19 pandemic crisis.

The theme for this year is "Embracing eHealth in Facing the Challenges of IR4.0 in the Muslim World". The ICT4M 2021 conference is to be conducted in collaboration with CENTRIS, IIUM and will be organized in conjunction with the 2021 World Congress for Integration and Islamization.

Areas of interest include, but are not limited to:

TRACK 1 Islamic Application for Ummah Development

TRACK 2 Information System Implementation, Governance and Challenges

TRACK 3 Commercialization and Entrepreneurship

TRACK 4 Innovation in Islamic Finance

TRACK 5 Computing Technologies and Applications

TRACK 6 Uncertain Data Management in Big Data and Open Data/Open

Science

TRACK 7 Blockchain-Inspired Custodial Solutions

DAY 2 CONGRESS 5th June 2021 | Saturday

TIME		OGRAMME/EVENT		
:00 am - 8.50 am	Registration t	hrough link		
heme: Humanisina Te	chnology in Line	with the Principles of Magasid Al-Shari'ah.		
:00 am - 10:00 am		.00pm, 4 th June 2021 at Wisconsin Time)		
.00 0111 - 10.00 0111	Speaker:			
	Associate Professor Dr. Aasim Padella			
	Emergency Physician, Muslim health disparities and Islamic Bioethics,			
		edicine, Chicago University		
	Facolly of Mi	edicine, Chicogo brilversity		
heme: Harm Reduction	on: Balancing b	etween Biomedical Advances and Shari'ah Pr	inciples.	
			1001-1-1-1	
10.15 am – 11.15 am	PLENARY 3			
	Speaker: Prof. Dr. Mohommad Hashim Kamail			
	Prof. Dr. Moh	ommad Hashim Kamaii		
	Funding CEC), International institute of Advanced Islamic S	ludies	
1.30 am - 1.30 pm	Parallel Sessions 2			
		4- 3+ 3	Breakout	
	Congress	Themes/Tracks	Room	
	11101	Humanising Technology in line with the	1	
	WCII	Principles of Magasid al-Shari'ah		
		Harm Reduction: Balancing Between		
	wai	Biomedical Advances and Shari'ah	2	
	11 *****	Principles		
	1	Cyberpsychology and Wellbeing in the	2	
	WCII	Age of 4th Industrial Revolution	3	
	WCII	Integration of Spirituality & Mental Health	4	
	WCII	Poster presentation show room	5	
	ICT4M	Track 4: Innovation in Islamic Finance	6	
		Track 5: Computing Technologies and	7.	
	ICT4M	Applications	1	
	ICT II	Track 6: Uncertain Data Management in	8	
	ICT4M	Big Data and Open Data/Open Science	0	
02.30 pm - 3.30 pm	FLENARY 4 (S	7.30am at Riyadh Time)		
	Speaker:			
	Prof. Dr. Omar Hassan Kasule			
	Prof. Dr. Omi			
	Prof. Dr. Omi		Medical Cit	
	Prof. Dr. Ome Professor in E	pidemiology & Islamic Medicine, King Fahad.	Medical Cit	
	Prof. Dr. Ome Professor in E		Medical Cit	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E	pidemiology & Islamic Medicine, King Fahad . dom of Saudi Arabia	Medical Cit	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia ions 3	Medical Cit	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia ions 3 Themes/Tracks		
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia ions 3	Breakout Room	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia lons 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shañ'ah	Breakout	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Themes/Tracks Humanising Technology in line with the	Breakout Room	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia lons 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shañ'ah	Breakout Room	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia lons 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between	Breakout Room	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia lons 3 Themes/Tracks Humanising Technology in line with the Principles of Magasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah	Breakout Room 1	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Ions 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution	Breakout Room	
3.30 pm – 5.00 pm	Prof. Dr. Ome Professor in E Riyadh, King Parallel Sess Congress WCII	pidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Inneres/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the	Breakout Room 1 2 3	
3.30 pm – 5.00 pm	Prof. Dr. Om Prafessor in E Riyadh, King Parallel Sess WCII WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Ions 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution	Breakout Room 1 2	
3.30 pm – 5.00 pm	Prof. Dr. Ome Prafessor in E Riyadh, King Parallel Sess Congress WCII WCII WCII WCII WCII WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Inns 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari' ah Harm Reduction: Balancing Between Biomedical Advances and Shari' ah Principles Cyberpsychology and Wellbeing in the Age of 4th Industrial Revolution Integration of Spaituality & Mental Health	Breakout Room 1 2 3 4 5	
3.30 pm – 5.00 pm	Prof. Dr. Ome Prafessor in E Riyadh, King Parallel Sess Congress WCII WCII WCII WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Innemes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution Integration of Spirituality & Mental Health Poster presentation show room Track 1: Islamic Application for Ummah Development	Breakout Room 1 2 3	
3.30 pm – 5.00 pm	Prof. Dr. Ome Prafessor in E Riyadh, King Parallel Sess Congress WCII WCII WCII WCII WCII WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Inns 3 Themes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution Integration of Spirituality & Mental Health Poster presentation show room Track 1: Islamic Application for Ummah	Breakout Room 1 2 3 4 5	
3.30 pm – 5.00 pm	Prof. Dr. Ome Prafessor in E Riyadh, King Parallel Sess Congress WCII WCII WCII WCII WCII WCII	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Innemes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution Integration of Spirituality & Mental Health Poster presentation show room Track 1: Islamic Application for Ummah Development	Breakout Room 1 2 3 4 5	
3.30 pm – 5.00 pm	Prof. Dr. Om Prafessor in E Riyadh, King Parallel Sess WCII WCII WCII WCII ICT4M	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Inems/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th industrial Revolution Integration of Spirituality & Mental Health Poster presentation show room Track 1: Islamic Application for Ummah Development Track 2: Islamic Application for Ummah	Breakout Room 1 2 3 4 5	
3.30 pm – 5.00 pm	Prof. Dr. Om Prafessor in E Riyadh, King Parallel Sess WCII WCII WCII WCII ICT4M	ipidemiology & Islamic Medicine, King Fahad dom of Saudi Arabia Innemes/Tracks Humanising Technology in line with the Principles of Maqasid al-Shari'ah Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles Cyberpsychology and Wellbeing in the Age of 4th Industrial Revolution Integration of Spirituality & Mental Health Poster presentation show room Track 1: Biomic Application for Ummah Development Track 2: Information System Implementation, Governance and	Breakout Room 1 2 3 4 5	

DAY 3 CONGRESS

6th June 2020 | Sunday

TIME	PR	OGRAMME/EVENT		
8:00 am - 9.00 am	Registration through link			
Theme: Cyberpsycho	logy and Wellb	peing in the age of 4th Industrial Revolution.		
9.00 am - 10.00 am	PLENARY 5 Speaker: Associate Professor Dr. Nora Mat Zin Consultant in Psychiatry, Department of Psychiatry, Kullyyah of Medicine			
	International	Islamic University Malaysia	in or medicar	
10.15 am - 11.15 am	Professor in Kulliyyah of	Abdul Wahab Abdul Rahman Neuroscience Computer Engineering and Information and Communication Technolog ristly Malaysia	the Dean o	
11.30 am - 12.30 pm	Parallel Sessions 4			
	Congress	Themes/Tracks	Breakout Room	
	WCII	Humanising Technology in line with the Principles of Magasia al-Shari'ah	1	
	WCII	Harm Reduction: Balancing Between Biomedical Advances and Shari'ah Principles	2	
	WCII	Cyberpsychology and Wellbeing in the Age of 4th Industrial Revolution	3	
	WCII	Integration of Spirituality & Mental Health	4	
	WCII	Poster presentation show room	5	
	ICT4M	Track 4: Innovation in Islamic Finance	6	
	ICT4M	Track 5: Computing Technologies and Applications	7	
	ICT4M	Track 6: Uncertain Data Management in Big Data and Open Data/Open Science	8	
12.30 pm ~ 1.30 pm	Professor Dr. Organising C	emony and Award Announcement Kamaruzzaman Yunus Chairman of 3 rd World Congress on Integration e Director of Campus Director, International Is vantan.		

ISLAMIC APPLICATION FOR UMMAH DEVELOPMENT

-	PID	PAPER TITLE	AUTHORS
Assessment of the Influence of ICT Facilities for Sustainability of Modern Teaching Excellence in Education 3A The Internet of Everything from Islamic Perspective Contribution of Information Technology (IT) in Conceptualizing the Qur`anic Approach on Programmed Systems of Biology		Assessment of the Influence of ICT Facilities for Sustainability of Modern Teaching Excellence in Education	Ibrahim Dahiru Idriss, Jaafar Zubairu Maitama, Usman Haruna, Adamu Mamman Adamu, Abubakar Idriss Barde and Adamu Abubakar Ibrahim
		The Internet of Everything from Islamic Perspective	Ismail Faizi
		Conceptualizing the Qur`anic Approach on Programmed	Ibrahim Shogar and Mohd Zulfaezal Che Azemin
	34A	The Effects of Persuasive Technology on End-Users' Information Security Awareness	Mohammed Abdullah Bawazir, Murni Mahmud and Nurul Nuha Abdul Molok
	41A	Neurofeedback training to improve the efficiency of wudu to promote psychological wellbeing: A conceptual study.	Nurhafizah Mahri and Nurul Liyana Mohamad Zulkufli
	14B	Brain Behaviour Analysis of Mental Stress Before and After Listening to Quranic Recitation Based on EEG Signals	Hana Silabdi, Raini Binti Hassan, Nurhafizah Binti Mahri and Norzaliza Binti Md Nor

ICT4M • June. 04-06, 2021