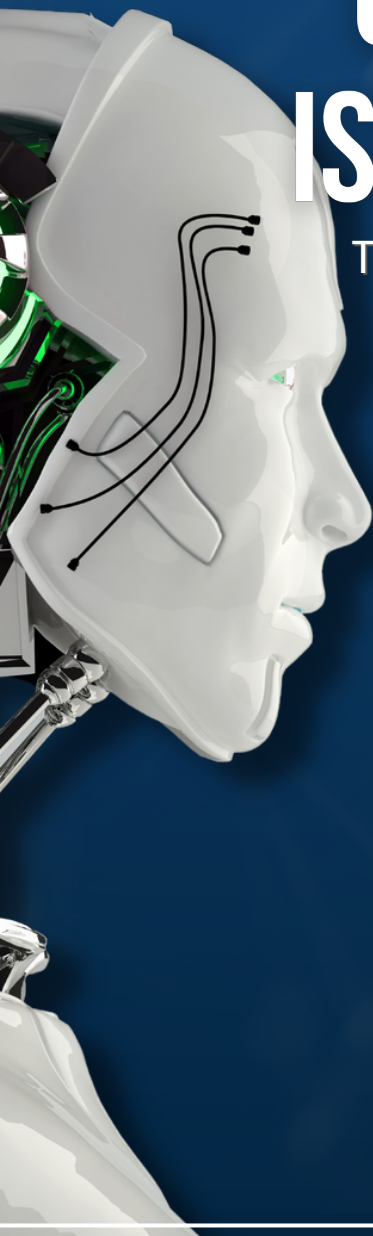




BRUNEI  
MID-YEAR CONFERENCE AND EXHIBITION  
MYCE 2022

HYBRID INTERNATIONAL CONFERENCE  
**CURRENT TRENDS IN  
ISLAMIC TECHNOLOGY:**  
THROUGH RESEARCH AND INNOVATION



9th June, 2022  
International Convention Centre  
Berakas Brunei Darussalam

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

# FOREWORD



**Yang Mulia  
Dr Haji Norarfan bin Haji Zainal, Sultan  
Sharif Ali Islamic University (UNISSA)  
RECTOR**

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

I would like to congratulate the Faculty of Islamic Technology and UNISSA working committee for their dedication and hard work in ensuring the success of this hybrid international conference entitled the Current Trends in Islamic Technology: Through Research and Innovation (CTiIT2022).

الحمد لله: Praises be to Allah, this hybrid conference brings together researchers from several universities to present and discuss the current trends in Islamic technology through research and innovation. This conference will undoubtedly aid in publication opportunities by enabling experts and students to exchange ideas and information.

My warmest gratitude goes to the keynote speaker, paper presenters, postgraduate students, and the Technology Student Society from the Faculty of Islamic Technology who have worked thoroughly to make the conference a success. The conference received a very positive response, with more than 140 papers submitted by local and international universities.

My appreciation is also extended to all our sponsors and co-hosts and university collaborators for supporting this resourceful and beneficial conference.

May Allah shower all your effort with compassion in return for your good deeds.

Thank you and congratulations once again.

وعليكم السلام ورحمة الله وبركاته

Your Sincerely,

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

## PREFACE

Yang Mulia

**Dr Dayang Hajah Tiawa binti Awang Haji Hamid,  
DEAN, Faculty of Islamic Technology (FIT),  
Sultan Sharif Ali Islamic University**



السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

In conjunction with BRUNEI MYCE 2022, UNISSA participated in the Hybrid International Conference on Current Trends in Islamic Technology: Through Research and Innovation 2022 (CTiIT 2022) on June 9 & Technology Expo (in Digital Technology Week starting on 8th - 11th June).

The conference provides a platform to discuss current trends in Islamic technology with participants from around the world, both from academia and industry. Its success is reflected in the papers received, with participants coming from various countries, fostering the exchange of real multidisciplinary experiences and ideas. Each submission was peer-reviewed by two to three (2-3) reviewers in the appropriate field, and more than 140 submissions were received. All of those papers received will be judged for the 28 awards (comprised of 10 for best presenters, 10 for best papers, 5 for best posters, and 3 for the Best of the Best) provided in the final presentation. In addition, all papers will be published in e-conference proceedings while others will be recommended to Scopus journals with assistance from university collaborators.

This conference would not be possible without the team's effort. As the chairperson of this conference, I would like to extend my most sincere congratulations to the internal committee of postgraduate students who have successfully completed the mandatory audit course by organizing this outstanding conference. Special appreciation to EOM and POM UNISSA for their financial and assistance in organizing this technological conference and exhibition. Finally, I would like to express my gratitude to the UNISSA Committee, which is comprised of various parties such as the TMC, CRP, Library, Estate, faculties, and Centers as conference participants or committee members, as well as paper reviewers, who have reviewed papers with excellence and offering extremely valuable input and advice.

Thank you.

وعليكم السلام ورحمة الله وبركاته

Yours faithfully

# EVENT PROGRAM

**HYBRID INTERNATIONAL CONFERENCE AND TECHNOLOGY EXPO ON “CURRENT TRENDS IN ISLAMIC TECHNOLOGY: THROUGH RESEARCH AND INNOVATION”**

**Thursday, 09 Zulkaedah 1443H / 09 June 2022 Hybrid: In-person and Online Conference (via Zoom)  
Press Conference Hall, International Convention Centre (ICC), Berakas**

08:00	:	<b>Registration and attendance of participants and presenters</b>
08:15	:	<b>The arrival of guests</b> <b>The Arrival of Rector of Sultan Sharif Ali Islamic University (UNISSA)</b> <b>Yang Mulia:</b> <b>Dr Haji Norarfan bin Haji Zainal</b>
08:30	:	<b>The arrival of His Excellency</b> <b>Professor Dr. Hamit Eroy</b> <b>The Ambassador of Turkey to Brunei Darussalam.</b>
08:45	:	<b>Recitation of Surah Al-Fatihah &amp; Doa Selamat</b>
	:	<b>Welcoming Remark:</b> Yang Mulia, Dr Dayang Hajah Tiawa binti Awang Haji Hamid : Chairperson of Hybrid International Conference And Technology Expo On “Current Trends In Islamic Technology: Through Research And Innovation” Committee 2022 Dean Faculty of Islamic Technology (FIT)
	:	<b>Launching:</b> His Excellency : Professor Dr. Hamit Eroy The Ambassador of Turkey to Brunei Darussalam.
9.15-10.00	:	<b>Keynote:</b> Yang Mulia, : Dato’ Prof. Ir. Dr. Mohammed Rafiq bin Dato’ Abdul Kadir, BioMedical Engineering, Universiti Teknologi, Malaysia (UTM). Topic: Islamic Technology - A Paradigm Shift in Science and Technology
	:	<b>Presentation of souvenir to distinguished guests</b> <b>Photo Session &amp; Refreshment</b>
10.00-12.00	:	<b>Parallel Session 1 (hybrid)</b>
12:00	:	<b>Lunch break</b>
14:00	:	<b>Parallel Session 2</b>
16:00	:	<b>Awards Presentation (Best Paper, Best Presenter, Best Poster, Best of The Best)</b> <b>Closing Remark</b>

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# PARALLEL SCHEDULE

## ROOM 1 | THEME: EMERGING TECHNOLOGY

Moderator: Nur Hakimah Hasunah binti Haji Hassan

Time	Name	Topic
10.00-10.15am	Negin Bostanmaneshnik	Feasibility study of the application of micro-learning on the teaching-learning process From the perspective of elementary school teachers
10.15-10.30am	Yan Yan, MFA Frederick, R Muszali	Analysis of Gym Customer Satisfaction Survey Based on Holographic Projection Technology - An Example from Shenzhen, China
10.30-10.45am	Nurulaqilla Khamis, Hazlina Selamat, Shuwaibatul Aslamiah Ghazalli, Nurul Izrin Md Saleh, Ili Najaa Aimi Mohd Nordin	Palm Oil Fresh Fruit Bunches (FFB) Ripeness Classification Technique using Image Segmentation
10.45-11.00am	Nurul Izrin Binti Md Saleh, Nurulaqilla Khamis, David Bell	Explainable Artificial Intelligence-Based Simulation Modelling Using Formal Concept Analysis: A Position Paper
11.00-11.15am	Dayang Hjh Tiawa Awg Hj Hamid Haji Abd Rahman bin Haji Ahim	Applying Rasch Analysis Using Latest Winsteps Technology to Evaluate Questionaries of the radio University Establishments Acceptance and Talk Show Programme Instrument
11.15-11.30am	Ahmad Fitriadi	Personal Knowledge Management: Notion or Obsidian?
11.30-11.45am	Nurul Izrin Binti Md Saleh, Nurulaqilla Khamis	Ontology-Based Conceptual Framework for Unstructured Data Labelling
11.45-12.00pm	Dk Siti Syahirah Pg Idris, Dayang Hjh Tiawa Awg Hj Hamid, Mohd Najeb Jamaludin	3D Sa'i Virtual Reality For Monitoring Hajj Pilgrims Cardiorespiratory Performance
BREAK		
2.00-2.15pm	Hadhrami Ab Ghani	A Study of CNN-based Techniques for Face Mask Checking and People Counting using Jetson NANO and NVIDIA GTX
2.15-2.30pm	Muhamad Hazwan Abdul Hafidz Dayang Hjh Tiawa Awg Hj Hamid Ahmad Athif Mohd Faudzi Mohd Najeb Jamaludin Nor Mohd Haziq Norsahperi Lydia Qistina Binti Zahirrudin Calvin Teh Jon Keith	Development of Human-like Robotic Index Finger and Thumb for Pinching Operations for Islamic Medical Education.
2.30-2.45pm	Haji Abd Rahman bin Haji Ahim Dayang Hjh Tiawa Awg Hj Hamid	Penerimaan Pelajar Terhadap Radio Universiti Sebagai Media Teknologi Pendidikan Dalam Membangunkan Komunikasi Berkesan
2.45-3.00pm	Muhamad Hazwan Abdul Hafidz Dayang Hjh Tiawa Awg Hj Hamid Ahmad Athif Mohd Faudzi Mohd Najeb Jamaludin Nor Mohd Haziq Norsahperi Muhammad Sobri Bin Mohd Idzwan Nur Hafizah Binti Bujiman	Application of Artificial Intelligence using K-Nearest-Neighbors Feedforward Control for Robotic Prosthetic Hands to reduce inequality in Islamic societies.
3.00-3.15pm	Hadhrami Ab Ghani	Lane Detection Using Contour Slope Analysis with Deep Learning in All-Weather Conditions
3.15-3.30pm	Muhamad Hazwan Abdul Hafidz Dayang Hjh Tiawa Awg Hj Hamid Ahmad Athif Mohd Faudzi Mohd Najeb Jamaludin Nor Mohd Haziq Norsahperi Amni Haqimah Binti Ahmad Mahmud	Human-like Robotic Elbow Design and Control for Enhancing Productivity in Islamic Countries Manufacturing Sectors
3.30-3.45pm	Amirah Ismail	Serious Games Model On Promoting Halal Food Dietary for prevention of adolescents obesity Towards a Sustainable Lifestyle
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 2 | THEME: EXISTING TECHNOLOGY

Moderator: Uzma Afiqah binti Abdul Rani

Time	Name	Topic
10.00-10.15am	Mohammed Modeef Alsofyani	Design and Development of Moocs Course for Islamic education using Triple 3 Strategy
10.15-10.30am	Mohd Amin Mohd Noh, Noraidah Sahari @ Ashaari, Nor Azan Mat Zin	Integration Of Persuasive Technology With Islamic Digital Spiritual Intervention
10.30-10.45am	Khairul Nizar Syazwan, Abdul Hafiz Kamarudin, Hasyiya Karimah Adli, Muhammad Akmal Remli, Nooraini Yusoff, Hadhrami Ab. Ghani, Gan Hong Seng	Study of PLA/Flax Fiber for Boat Hull using Finite Element Analysis
10.45-11.00am	Nur Syaza Izzah Binti Morni Dayang Hjh Tiawa Awg Hj Hamid	Design of 3D Mobile Application Prototype to aid Tajweed Learning
11.00-11.15am	Siti Nuratirah Bt Che Mohd Nasir, Nurul Nashatah bt Zainol Ahmad	Design Aspect In Education Building For Hearing Impaired Student
11.15-11.30am	Sarah Wahida Hasbullah, Mohd Zaimmudin Mohd Zain , Mohd Hafiz Drahan, Norhasliyana Hazlin, Azlin Sharina Abdul Latef, Hana Yazmeen Hapiz , Ainul Wahida Radzuan, Suraya Sukri , Nurul Syahirah Kamasri.	Modest FASHION: digital surface pattern for different body needs.
11.30-11.45am	Khairul Nizar Syazwan, Aiman Syazwan Rosmin, Hasyiya Karimah Adli, Muhammad Akmal Remli, Nurulaqilla Khamis, Nurul Izrin Md Saleh, An'amt Bin Mohamed Noor, Nor Hakim Bin Abdullah	Study of Polyether Ether Ketone (PEEK) for Car Wheels in Automotive Industry using Finite Element Analysis
11.45-12.00pm		
BREAK		
2.00-2.15pm	Hasyiya Karimah Adli, Nor Amaleen Azhar, Muhammad Akmal Remli, Khairul Nizar Syazwan	I-Attendance: Intelligent Attendance System
2.15-2.30pm	Siti Aisyah Muhammad, Normaisarah Mohd Rosdi, Azli Abdullah	The Potential Application Of Digital Documentation For The Traditional Malay Wood Carving In Balairung Seri, Istana Balai Besar
2.30-2.45pm	Hasyiya Karimah Adli, Siti Fatimah Azahra Azhar, Muhammad Akmal Remli, Khairul Nizar Syazwan	Drowsiness Detection as A Driver Assistant (DDAADA)
2.45-3.00pm	Siti Aisyah Muhammad	The Relationship Between The Position Of Women And The Spatial Organisation Of The Palace
3.00-3.15pm	Hasyiya Karimah Adli, Muhammad Fahmi Aizat Elias, Muhamad Yuzaini Azrai Mat Yunin, Norfatimah Mohd Adenam	The Potential of Mixed Dyes Of Morus Nigra L.Sp & Sargassum BINDERI Sp. Sp As Photo-A Layer in Solar Cell Device
3.15-3.30pm	Nurul Syadzwan Sufri, Abdul Hafidz Hj Omar	Implementation of School Bus Services Tracking System using Mobile Apps
3.30-3.45pm		
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 3 | THEME: EMERGING & EXISTING TECHNOLOGY

Moderator: Iman Hafiz bin Aziz, Mohammad Zamri bin Zainal

Time	Name	Topic
10.00-10.15am	Amira Jamil	Development of An Integrated Waqf Reporting Index (IWRI) For Malaysian Waqf Institutions
10.15-10.30am	Norlaila Mazura binti Mohaiyadin	A Multiple Stakeholder Perspective On Blockchain Solution To Improve The Current Waqf Management System
10.30-10.45am	Intan Yusrina Zairon, Tengku Siti Meriam Tengku Wook, Syahanim Mohd Salleh, Hadi Affendy Dahlan, Masura Rahmat	Model Konseptual Reka Bentuk Pembelajaran Maya Diperibadi Berdasarkan Teknik Pemodelan Pengguna
10.45-11.00am	Muhammad Lutfi Metussin, Dayang Hjh Tiawa Awg Hj. Hamid, Mohd Najeb Jamaludin	Prediction of Muscle Fatigue Among Hajj Pilgrims using Machine Learning Procedure during 3D Hajj Simulation
11.00-11.15am	Dyg Amal Syukriyyah Hj Abdul Kahar	Improving Accessibility to Brunei Islamic Resources with Federated Search
11.15-11.30am	Irwan bin Ibrahim, Dayang Hjh Tiawa Awg Hj Hamid	Digital Transformation focusing on Face Recognition System with Time Attendance Function
11.30-11.45am		
11.45-12.00pm		
BREAK		
2.00-2.15pm	Muhammad Asyraf Sufi bin Dahlan, Daphne Lai, Rosyzie Anna	Analyzing Book Borrowing Patterns in Dewan Bahasa dan Pustaka Brunei using Apriori Algorithm
2.15-2.30pm	Zulkifli Ahmad, Muhammad Farees Idlan Shahril Amir Wajdi Abdul Wahab, Ilmam Mumtaz Islah Munjih, Hasbi Muhammad bin Samsudin, Najwa Insyirah binti Muhammad Yusof, Mohamad Zairi Baharom	Development of The Small Robot For Stem Project In Malaysia
2.30-2.45pm	Izati Nabila Marzuki, Tengku Fauzan Tengku Anuar, Tan Tse Guan, Asma Lailee Mohd Nor, Md Ariff Ariffin, Ayub Awang & Hidayat Hamid	Learning Based on Educational Design of Surah Lukman Curriculum Using Augmented Reality Technology in Delivering Da'wah
2.45-3.00pm	Nordiana Binti Ab Jabar, Suraya Sukri, Ainul Wahida Radzuan, Mohd Saipuddin Suliman	Transformation of Traditional Folklore Animation: The Formation of Application Models and Impact on Today's Society
3.00-3.15pm	Nur Almira Ufairah binti Salim, Dayang Hjh Tiawa Awg Hj Hamid	FITMie: An AR fitness mobile application to combat obesity among youth in Brunei Darussalam
3.15-3.30pm	Nurul Farha Zainuddin, Mohd Syafiq Miswan, Mohd Azim Nural Azhan	Brain Activity as A Biomarker of Cognitive Processing and Physiological Responses
3.30-3.45pm		
3.45-4.00pm		



# PARALLEL SCHEDULE

## ROOM 4 | THEME: EMERGING & EXISTING TECHNOLOGY

Moderator: Ahmad Nabih bin Muhammad Muizzuddin, Muhammad Firdaus bin Sait

Time	Name	Topic
10.00-10.15am	Hasyiya Karimah Adli	The Synthesis of Lead Halide Perovskite Using Two-Step Sequential Deposition Method
10.15-10.30am	Muhammad Asyraf Abdul Halim, Muhammad Akmal Remli, Ferda Ernawan, Khairul Nizar Syazwan Wan Salihin Wong, Kayode I. Adenuga	The Development of Assistive Intelligent System for Replacing Traditional Cane for Blind People
10.30-10.45am	Hasyiya Karimah Adli, Logathepan S/O Muniyappan, Muhammad Akmal Remli, Khairul Nizar Syazwan	Vaccination Certificate Originality Checker Application (Vac-Cert Checker)
10.45-11.00am	Rahmad Gunawan, Hadhrami Ab. Ghani, Nurul Izrin, Nurulaqilla Khamis, Edi Ismanto, Januar Al Amien	Current Systematic Review SDN For Application Layer DDOS Detection Mechanisms by Using Deep Learning
11.00-11.15am	Ruzaini Amiraa Roslana, Muhammad Akmal Remli, Nurulaqilla Khamis	Hate Speech and Offensive Language Tweets Classification Using Machine Learning and Deep Learning
11.15-11.30am	Januar Al Amien, Hadhrami Ab. Ghani, Nurul Izrin, Nurulaqilla Khamis, Edi Ismanto, Rahmad Gunawan	Current Systematic Review on Malware Classification and Detection Using Machine Learning
11.30-11.45am		
11.45-12.00pm		
BREAK		
2.00-2.15pm	Yuli Rohmiyati Tengku Siti Meriam Tengku Wook Noraidah Sahari	Digital Technology Trends In Accessing E-resources in University Library.
2.15-2.30pm	Laili Komariyah, Ity Rukiyah, Titik Wulandari	Management of Educators and Educational Personnel In Samarinda State Madsrasah (MTs)
2.30-2.45pm	Ma'sum bin Hj Isa Dayang Hj Tiawa Awg Hj Hamid	VR Smart Shopping: The Use of Mobile and Virtual Technology in Online Shopping as Business Marketing Tool in Brunei Darussalam
2.45-3.00pm	Muhamad Najih bin Abdul Rahim Dayang Hj Tiawa Awg Hj Hamid Mohd. Farid Muhamad Said	Comparative Analysis Between Water Quality in Islam And Scientific Measurement Using A Self-Developed Remotely Operated Vehicle (ROV)
3.00-3.15pm	Dayang Hj Tiawa Awg Hj Hamid Mohd Najeb Jamaludin Abdul Hafidz Hj Omar	Virtual Reality Tawaf for Haj Pilgrim Fitness Training
3.15-3.30pm	Nur Husna Nabihah Bt Mohd Samsudin Nik Siti Maryam Binti Nik Mohammed Rafani Noor Nashima Binti Zainurin	The Use of Blink Detection in Online Meeting Classroom
3.30-3.45pm		
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 5 | THEME: TECHNOLOGY IN SOCIAL SCIENCES

Moderator: Nur Musfirah Farhana binti Mahriman

Time	Name	Topic
10.00-10.15am	Albulayhid Faisal Hamoud M	The Effect of Differentiated Instruction Strategies on The Self- Confidence and English Vocabulary Ability Among Elementary School Students in The Kingdom of Saudi Arabia
10.15-10.30am	Nur Aini Sunar Too @ Ismail, Diyana Zulaika Abdul Ghani and Halijah Ibrahim	Face Validity of The Arabic Alphabets Writing Assessment Instrument For Children
10.30-10.45am	Nurnajwa Syuhada binti Che Abdul Talib, Muhamad Hafiz bin Ismail, Diyana Zulaika binti Abdul Ghani	Kemahiran Motor Halus Kanak-Kanak Prasekolah Dalam Penulisan Aksara Hijaiyah Jawi Melalui Kaedah Konvensional dan Teknologi
10.45-11.00am	Aidin Asbaghi Asli	Prioritization of marketing mix factors in choosing the football field of Iranian club in Dubai from the perspective of Iranians living in the UAE - Dubai
11.00-11.15am	Mohamad Bazli Azhar Yussof, Mohd Hilmy Baihaqy Yussof	The Development of ICT towards the preparation for the vision of Smart Nation in Brunei Darussalam: An Analysis from the perspective of Islamic Development Management
11.15-11.30am	Maryanti, Yudo Dwiyono, Usfandi Haryaka	Objective Academic Supervision: A Challenge in Implementation in Senior High School in Borneo, Indonesia
11.30-11.45am	Harun Mukhtar, Evans Fuad, Julaiha Siregar, Muhammad Akmal Remli, Khairul Nizar Syazwan Wan Salihin Wong, Yoze Rizki	Long Short – Term Memory (LSTM) For Forecasting Foreign Tourist Arrivals
11.45-12.00pm		
BREAK		
2.00-2.15pm	Norhamizah binti Haji Kamaluddin Dayang Hjh Tiawa binti Awang Haji Hamid	Pembinaan Sistem Maklumat Pangkalan Data Sejarah Peperangan Islam di Zaman Rasulullah Sebagai Alat Bantu Mengajar di Sekolah Agama
2.15-2.30pm	Widyatmike Gede Mulawarman, Lusi Muharlisiani, Afib Rulyansah, thor Name, Bintara	The Role of Women Principal Leadership in Improving The Work Ethic of Junior High School Teachers In Indonesia
2.30-2.45pm	Suharyatun, Sudadi, Adam bin Haji Jait, Adanan bin Haji Basar, Akhmad Ramli, Achmad Ruslan Afendi	Implementation of Life Skills Learningbased Entrepreneurship Through Experiential Learning
2.45-3.00pm	Anik Puji Rahayu, Lambang Subagiyo, Khusnul Wardan	Models The Competitive University Governance: A Case Study At Islamic Muhammadiyah University of East Borneo
3.00-3.15pm	Sripeni	Resetting Teacher Competency to increase the Quality of Junior High School in Penajam Paser Utara District, East Kalimantan Province, Indonesia
3.15-3.30pm	Syafrudin Januar, Rahmad Soe'oed, Laili Komariyah	Management of Principles in Improving The Quality of Teachers in Sekolah Penggerak in The City of Samarinda
3.30-3.45pm	Metta Virya Monica, Zaenab Hanim, Yudo Dwiyono	Principal's Leadership Planning in Improving Teacher's Performance at Junior High School In Samarinda, East Borneo
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 6 | THEME: TECHNOLOGY IN SOCIAL SCIENCES

Moderator: Aunizafirah Batrisyia binti Agus Zamri

Time	Name	Topic
10.00-10.15am	M Rajib Bustami, Azainil, Lili Komariah	Teacher Satisfaction, Self-Efficacy Affect On Teacher Performance : An Evidence From A Vocational School Of Pharmaceutical Study Program East Borneo, Indonesia
10.15-10.30am	Lorensius, Usfandi Haryaka, Warman	The Academic Supervision For Improving Teacher Professionalism: Empirical Evidence From The Secondary School In East Borneo, Indonesia
10.30-10.45am	Yusniar, Zaenab Hanim, Nurlaili	Strategic Management In Planning To Improve The Quality Of Education In Private Islamic Elementary School Samarinda
10.45-11.00am	Harliansyah, Zaenab Hanim, Azainil	Managerial Competence Of Principals In Improving The Education Quality Of State Vocational High Schools In Samarinda City, Indonesia
11.00-11.15am	Anisa Nur Lail, Rahmat Soe'oad, Usfandi Haryaka	Educator Recruitment Management To Improve The Quality Of Private Islamic School Education In Samarinda City, Indonesia
11.15-11.30am	Hana Yulia, Warman, Usfandi Haryaka	The Role of The Principal as a Manager in Improving the Quality of Teacher Performance at SD Negeri 012 Samarinda Kota
11.30-11.45am	Nur Fatin 'Izzaty Khairudin, Abdul Hafidz Hj Omar	Reimagining Mental Health Paradigm for Muslim Youth Well-Being in Brunei
11.45-12.00pm		
BREAK		
2.00-2.15pm	Heriman, Widyatmike GM, and Warman	Evaluation Of The Budget Allocation Policy In Improving The Quality Of High School And Vocational High School Education In Kutai Kartanegara Regency In 2020
2.15-2.30pm	Prima Adi Pratama, S.Pd, Yudo Dwiyono, Widyatmike Gede Mulawarman	Implementation Of Regional Operational Assistance Programs With A Semester Credit Systems During The Covid 19 Pandemic At Balikpapan High School
2.30-2.45pm	Wafi Shamdi, Daphne Lai, Muhammad Anshari	Artificial intelligence in the Juristic component of the islamic system of governance: A conceptual design.
2.45-3.00pm	Farhad Balash, Neda Sanjari	Urgent Need of Education in Technology as to Improve Students' Cognitive Development
3.00-3.15pm	Wafi Shamdi, Daphne Lai, Muhammad Anshari	Artificial intelligence deployment in islamic system of governance: A literature review
3.15-3.30pm	Mohammad Salehudin	The Effect of The Use of The Computational Thinking Model on The Cognitive of Madrasah Students in East Kalimantan
3.30-3.45pm		
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 7 | THEME: TECHNOLOGY IN SOCIAL SCIENCES

Moderator: Nurién Syahzanie binti Tuah

Time	Name	Topic
10.00-10.15am	Andi Aslindah	Strategies of Parents in Developing Creativity in Early Childhood
10.15-10.30am	Nurul Syifa Ramli Wan Nur Iffah Wan Nazri Nur Haifa Aqila Binti Norfazli Hairulliza Mohamad Judi	Pendidikan Sahsiyah Kanak-Kanak Prasekolah Melalui Permainan Serius: Cabaran Pembangunan Aplikasi
10.30-10.45am	Nurul Syifa Ramli, Wan Nur Iffah Wan Nazri, Hairulliza Mohamad Judi	Learning Islamic Values Through Game For Preschool Children – Instruction Design In Khalifah Kecil
10.45-11.00am	Farrah Atikah Saari, Siti Hajar Mohamat Tahir	The Effect of The CONSERVATION FOR ShopHouseS in Jalan Sultan, Kuala Lumpur In Contributing to The Local Community Economy
11.00-11.15am	Firmansyah, Nurlaili, Widyatmike Gede Mulawarman	Planning Strategy Of School Based Management In Implementing On The Job Training Of Vocational School
11.15-11.30am	Nurul Khairani binti Jamil, Dr Ahmad Baha' bin Mokhtar, Ainaa Zahirah binti Haji Abdul Manap, Izzatul Husna binti Drs Haji Ismuhadi, Norshazriyana binti Sahrún	Corak Gelombang Otak dalam Kalangan Penuntut Tahfiz di Unissa Menggunakan Alat Electroencephalogram (EEG)
11.30-11.45am	Dini Hadiyanti, Warman, Nurlaili	Improving Teacher Competence Through Academic Supervision at SMP IT A Salam Samarinda
11.45-12.00pm	Dr Hakimah Yaacob, Siti Nasyroh binti Mat Nayan, Dr Adli Yaacob	Artificial Intelligence (AI) and Human Rights Violations
BREAK		
2.00-2.15pm	Azainil Azainil, Venti Yulianti, Zainal Abidin	The Role of School Management In Improving School Accreditation
2.15-2.30pm	Zaenab Hanim, Anita, Widyatmike Gede Mulawarman	Interaction The Effect of Principal's Leadership and Education Financing on Performance of Junior High School Teacher in Mahakam East Kalimantan, Indonesia
2.30-2.45pm	Soerjo Adi Poernomo, Zaenab Hanim, Laili Komariyah	Principal's Leadership in Improving School Improvement
2.45-3.00pm	Lukman Priyandono, Rahmat Soe'oad, Zaenab Hanim	Leadership Policy For Improving Lecturer Performance At Private University: A Case Study In East Borneo
3.00-3.15pm	Rohana, Rahmat Soe'oad Azainil	Principal Academic supervision in quality improvement teacher at islamic high school in east Kalimantan
3.15-3.30pm	Theresia Ping, Warman, dan Laili Komariyah	Teacher Recruitment To Improve The Quality Of Education: A Latest Empirical Study Of Elementary School In East Borneo, Indonesia
3.30-3.45pm	Dk Siti Nurul Mashitah binti Pg Mohd. Sahar Abdul Hafidz Hj Omar	Islamic Ethical Practice in Information Dissemination Amongst Brunei Citizen Journalists
3.45-4.00pm		

# PARALLEL SCHEDULE

## ROOM 8 | THEME: TECHNOLOGY IN ISLAMIC STUDIES

Moderator: Dayangku Nurul Alya Jazilah binti Pengiran Haji Rasmali

Time	Name	Topic
10.00-10.15am	Muhammad Dhiauddin bin Ahmad Termizi, Abdul Hafiz Abdullah	The Challenge of Improving AI-Quran Memorizing For Graduates of Tahfiz Students in The Technological Era
10.15-10.30am	Gumaa Ahmed, Khairun Naqibah Hj Lazim, Ahmad Baha' Mokhtar, Hajah Sarinah Binti Haji Yahya	Peranan Maqraah "Online" Dalam Pengajaran Ilmu Qiraat
10.30-10.45am	Muhammad Zakir Husain, Syazanna Hj Yusof, Ahmad Baha' Mokhtar, Ismail Abdullah, Hajah Sarinah Haji Yahya, Yusfariza Yussof	Kaedah Hafazan Aplikasi Digital AI-Quran Di Dalam Android: Kajian Penggunaan Kaedah Faham Siyaq.
10.45-11.00am	Siti Ayeshah binti Haji Shahrin, Abdul Hafidz Hj Omar	Development of Islamic Technological Resourceful Sites Locator using Mobile Application
11.00-11.15am	Azif Zahirin Bin Md Amin, Ahmad Baha' bin Mokhtar	Membangunkan Keperluan Maqra'ah Dalam Talian berdasarkan faktor kualiti perkhidmatan dan teori Pengurusan Kualiti Total (TQM)
11.15-11.30am	Muhammad Asna Syahrini@Afiq bin Haji Othman, Dayang Hjh Tiawa Awg Hj Hamid	Design Online Application For The Promotion of Cash Waqf in Brunei
11.30-11.45am	Ak Muhd Hazim bin Pg Haji Muhd Japar, Ahmad Baha' bin Mokhtar	Kajian Terhadap Naskhah-Naskhah Digital Mushaf Qira'ah Imam Abu Jaafar
11.45-12.00pm	Hakimah Yaacob Adli Yaacob	Legal Effects of Central Bank Digital Currency (CBDC)
BREAK		
2.00-2.15pm	Muhammad Hisyamuddin bin Haji Mahadini, Ahmad Baha' bin Mokhtar, Hezqyl bin Haji Hambali, Mohammad Ridhwan bin Haji Mohd Mansor, Muhammad Aminuddin bin Abu Bakar	Sumbangan Teknologi dalam Memelihara Manuskrip Al-Qur'an: Ilmu Qira'at dalam Manuskrip Al-Qur'an Topkapi, Turki
2.15-2.30pm	Abdul Aziz Mohamad	Nutraceutical based on the Qur'an and Sunnah
2.30-2.45pm	Siti Afiqah Zainuddin, Borhan Abdullah, Tahirah Abdullah, Naeem Hayat, Nurizzati Mohd Anuar, Noorshella Che Nawati, Noorul Azwin Md Nasir	Digitalization in Zakat Management: The Analysis Of Malaysian Muzaki's Preference For Digital Zakat Payment Method
2.45-3.00pm	Abdul Waliyuddin Yahya	Islamic Notions of Optimisation: Achieving The Maqasid Shari'ah Through Integrated Petroleum Production Systems Optimisation
3.00-3.15pm	Hazriah Hasan, Muhammad Ikmalul Iktimam Mahadhir, Ismail Ahmad	Maqasid Shariah Overview on Cryptocurrency: Issues and Challenges
3.15-3.30pm	Siti Afiqah Zainuddin, Borhan Abdullah, Tahirah Abdullah, Amira Jamil, Nurizzati Mohd Anuar, Noorshella Che Nawati, Noorul Azwin Md Nasir	Determinants of Digital Zakat Payments During COVID-19 Pandemic: A Malaysian Experience
3.30-3.45pm	Hezqyl bin Haji Hambali, Ahmad Baha' bin Mokhtar, Mohammad Ridhwan bin Haji Mohd Mansor, Muhammad Hisyamuddin bin Haji Mahadini, Muhammad Aminuddin bin Abu Bakar	Sumbangan Teknologi dalam Memelihara Manuskrip Al-Qur'an: Kajian Terhadap Manuskrip Al-Qur'an Topkapi, Turki
3.45-4.00pm	Hakimah Yaacob Adli Yaacob	Fintech Laws in Regulatory Landscape of Brunei Darussalam: Issues & Challenges

# PARALLEL SCHEDULE

## ROOM 9 | THEME: PURE SCIENCES/ISLAMIC STUDIES

Moderator: Nur Hamizah binti Musli

Time	Name	Topic
10.00-10.15am	Mohammad Ridhwan bin Haji Mohd Mansor, Ahmad Baha' bin Mokhtar, Hezqyl bin Haji Hambali, Muhammad Hisyamuddin bin Haji Mahadini, Muhammad Aminuddin bin Abu Bakar	Sumbangan Teknologi dalam Memelihara Manuskrip Al-Qur'an: Kajian Terhadap Kaedah Ejaan Manuskrip Al-Quran Topkapi, Turki
10.15-10.30am	Tahirah Abdullah, Siti Afiqah Zainuddin, Nur Farahiah Azmi, Siti Nurul Shuhada Deraman, Amira Jamil	How Accounting As A Technology Influence The Reconstruction of Capitals Accumulation Among Islamic Family Business?
10.30-10.45am	Nur Farahiah Azmi, Siti Rohana Mohamad, Tahirah Abdullah, Siti Nurul Shuhada Deraman, Hazriah Hasan	Web-Based Quiz: Tool For Improving Student's Understanding On Islamic Banking & Finance Course
10.45-11.00am	Nurulhuda Asilah Hj Asli, Dayang Hjh Tiawa Awg Hj Hamid	Misuse of Social Media appertaining to Maqasid al-Shariah's higher purposes
11.00-11.15am	Nurul Wafiqah Bte Haji Abd Latif, Dayang Hjh Tiawa Awg Hj Hamid, Masuriyati Haji Yahya	Pendekatan Dakwah Menggunakan Teknologi Digital Dalam Pemulihan Kerohanian Dan Akhlak Generasi Tirai Besi: Suatu Sorotan Literatur
11.15-11.30am	Muhammad Rizal, Ismi Luqman Hamadi, Azri Md Jain, Aisyah Muhammad	Building Layout Promoting Physical Activity Through Active Design
11.30-11.45am	Muhammad Aminuddin bin Abu Bakar, Ahmad Baha' bin Mokhtar, Hezqyl bin Haji Hambali, Muhammad Ridhwan bin Haji Mohd Mansor, Muhammad Hisyamuddin bin Haji Mahadini	Sumbangan Teknologi Dalam Memelihara Manuskrip Al-Quran: Kajian Terhadap Tanda Bacaan Manuskrip Al-Quran Muzium Topkapi, Turki
11.45-12.00pm		
BREAK		
2.00-2.15pm	Jamaiah Yahaya, Sazrol Fadzli, Aziz Deraman Noor Zaitun Yahaya, Mohamed Shahrir Mohamed Zahari, Lilia Halim, Izhar Abadi Ibrahim Rais	Using Green Data Modelling of Quarry Environment for STEM Education to Enhance Open Data Readiness in an Innovative Digital Economy
2.15-2.30pm	Zohaib Hassan Sain	Challenges in Quality of Education in Higher Education Institutions (HEIs) of Pakistan
2.30-2.45pm	Mispan Mangon Abdul Hafidz bin Hj Omar	Assessing Effects of Acupressure On Calcium, Sodium And Potassium Ions In Delaying Muscle Fatigue By Electromyography
2.45-3.00pm	Hong-Seng Gan, Muhammad Hanif Ramlee, Yeng-Seng Lee, Gopal Sakarkar, Suhaimi Bahisham Yusoff	Analysis of Optimization Methods in Neural Network for Deep Learning Medical Image Classification
3.00-3.15pm	Siti Nurasmah Haji Damit	Pengajaran dan Pembelajaran Kursus Usul Fiqh secara dalam talian di Universiti Islam Sultan Sharif Ali
3.15-3.30pm	Mohd Rushdan Mat Rosid, Mohd Isa Hamzah	Analisis Keperluan Pembangunan Aplikasi Mudah Alih <i>Smart Doa</i> Bagi Pengajaran Dan Pembelajaran Doa Pilihan Murid Prasekolah
3.30-3.45pm	Muhammad Akmal bin Awang Tarif, Mas Nooraini Haji Mohiddin, Cecep Soleh Kurniawan	Wakaf Masjid Terbiar (Mahjur) di Negara Brunei Darussalam: Satu Analisis Awal dan Hukum Mengenainya
3.45-4.00pm		

# APPRECIATION

## ORGANISER



Faculty of Islamic Technology (FIT) ,  
Sultan Sharif Ali Islamic University (UNISSA)

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