

AI-MAST2021

7th INTERNATIONAL CONFERENCE ON

ADVANCE INTELLIGENT MARITIME SAFETY AND TECHNOLOGY 2021

"Revitalizing a Sustainable Development for Strategic Revolution in Trade, Shipping,
Port and Logistics Industries towards Enhancing the Universal Accessibility

16th-18th OCTOBER 2021



CONFERENCE PROGRAM E-BOOK



Contents

- ◆ **Important Information**
- ◆ **Schedule Overview**
- ◆ **Keynote Address and Plenary Sessions**
- ◆ **Parallel Session Schedule**

IMPORTANT INFORMATION

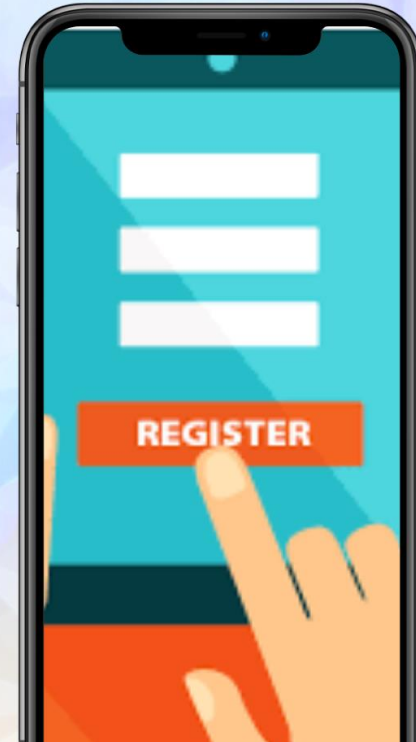


ACCESSING CONFERENCE SESSIONS

- The video meeting platform used in this conference is Webex by Cisco.
- The meeting link for every session is provided in the Presentation Schedule. Click on the meeting link provided for the session you wish to attend.

SESSION REGISTRATION

- If you are a presenter, type the code for your paper preceding your name. Please refer to the Presentation Schedule for the code of your paper. Example: MT01- Afiq Rayyan
- Please use the name you had registered with the secretariat to ensure that the secretariat will be able to identify you as a registered presenter.



SCHEDULE OVERVIEW

Malaysia Time (GMT +8)	DAY 1 (October 16, 2021)			
8:00 - 9:00 AM	Registration			
9:00 - 9:15 AM	Welcoming Speech by Conference Chairman			
9:15 - 9:30 AM	Opening Ceremony by Professor Dr. Mazlan bin Abd Ghaffar FASc., Vice Chancellor of Universiti Malaysia Terengganu, (UMT)			
9:45 - 10:30 AM	Keynote Address: Prof. Hyundeok Kim			
10:30 - 11:15 AM	Keynote Address 2: Dato' Ts Abd Radzak Abd Malek			
11:15 - 11:45 PM	Session Break			
11:45 AM - 12:45 PM	Parallel Session 1			
	1A - Maritime Technology	1B - Navigation Studies	1C - Maritime Logistics	1D - Maritime Economy
12:45 - 2.00 PM	Session Break			
2:00 - 2.30 PM	Plenary Speech 1: Assoc. Prof. Violeta Roso			
2:45 - 4.00 PM	Parallel Session 2			
	2A - Navigation Studies	2B - Maritime Logistics	2C - Maritime Economy	2D - Maritime Logistics
DAY 2 (October 17, 2021)				
9:00 - 9.45 AM	Keynote Address 3: Dato' Seri (Dr) Michael Tio			
9:45 - 10.15 AM	Plenary Speech 2: Prof. Dato' Dr. Saharuddin Abdul Hamid			
10:15 - 11:00 AM	Session Break			
11:00 - 12:00 AM	Parallel Session 3			
	3A - Maritime Logistics	3B - Maritime Economy	3C - Maritime Logistics	3D - Maritime Economy
12:00 PM - 2.00 PM	Session Break			
2:00 PM - 2.30 PM	Plenary Speech 3: Assoc. Prof. Ts. Dr. Mohamad Rosni Othman			
2:45 PM - 4.00 PM	Parallel Session 4			
	4A - Maritime Logistics	4B - Maritime Technology	4C - Maritime Logistics	4D - Maritime Economy
DAY 3 (October 18, 2021)				
9:00 - 09:45 AM	Keynote Address 4: Mr. Nilesh Timbadia			
9:45 - 10:15 AM	Plenary Speech 4: Dr. Anuar Abu Bakar			
11:00 - 12:00 PM	Parallel Session 5			
	5A - Maritime Economy	5B - Navigation Studies	5C - Maritime Technology	5D - Maritime Logistics
12.00 - 12.30 PM	Session Break			
12:30 - 1.00 PM	Closing Ceremony and Photo Session			

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INTELLIGENT MARITIME SAFETY AND TECHNOLOGY 2021

WELCOMING SPEECH

Dr. Jagan Jeevan
Conference Chairman

October 16, 2021 (Saturday)

9.00 am



<https://www.facebook.com/officialUMT/>

AI-MAST 2021

7TH INTERNATIONAL CONFERENCE ON ADVANCED
INTELLIGENT MARITIME SAFETY AND TECHNOLOGY 2021

OPENING CEREMONY

**Professor Dr. Mazlan bin Abd Ghaffar FASc.,
Vice Chancellor of Universiti Malaysia Terengganu**

October 16, 2021 (Saturday)

9.15 am



<https://www.facebook.com/OfficialUMT/>



KEYNOTE ADDRESS 1



Prof. Hyundeok Kim

President

International Association of e-Navigation and
Korean Economy South Korea

“Global Trends of the Shipping and Port Industry and its Implications”

HOST: Centre of Corporate Communication, UMT

DATE: October 16, 2021 (Saturday)

TIME: 9:45 - 10:30 am

LINK: <https://umt.webex.com/umt/j.php?>

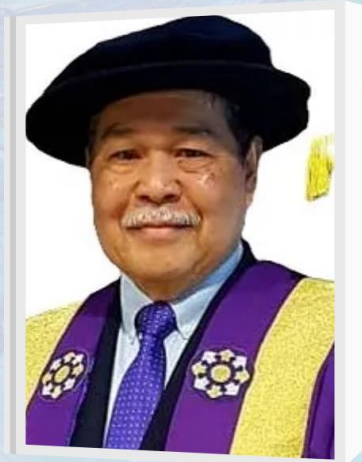
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*Participants who are unable to access the keynote address and plenary sessions may attend the sessions streamed on the UMT Facebook at this link:

<https://www.facebook.com/OfficialUMT/>

KEYNOTE ADDRESS 2



Dato' Ts Abd Radzak Abd Malek

International President

The Chartered Institute of Logistics and Transport

**“The CILT approach to the Key Issue of our
time & our profession–Sustainability in
Transport & Logistics”**

HOST: Centre of Corporate Communication, UMT

DATE: October 16, 2021 (Saturday)

TIME: 10:30 - 11.15 am

LINK: <https://umt.webex.com/umt/j.php?>

MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d



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KEYNOTE ADDRESS 3



Dato' Seri Dr. Michael Tio
Group Chief Executive and Managing Director
PKT Logistics Group

“Logistics Transformation in Malaysia”

HOST: Assoc. Prof. Ts. Dr. Mohamad Rosni Othman

DATE: October 17, 2021 (Sunday)

TIME: 9:00 - 9:45 am

LINK: <https://umt.webex.com/umt/j.php?>

MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d



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KEYNOTE ADDRESS 4



Mr. Nilesh Timbadia
Head of Information Technology Division,
Port of Tanjung Pelepas

“PTP’s Digital Acceleration through Smart Technology”

HOST: Ts. Dr. Nurul Haqimin Mohd Salleh

DATE: October 18, 2021 (Monday)

TIME: 9:00 - 9:30 am

LINK: <https://umt.webex.com/umt/j.php?>

MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d



*Participants who are unable to access the keynote address and plenary sessions may attend the sessions streamed on the UMT Facebook at this link:

PLENARY SPEECH

Associate Professor Violeta Roso

“Dry Ports for functional seaport inland access”

DATE: October 16, 2021 (Saturday)

TIME: 2:00 - 2:30 pm

LINK: <https://umt.webex.com/umt/j.php?MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d>



Prof. Dato' Dr. Saharuddin Abdul Hamid

“Revitalising a Sustainable Development for a Strategic Revolution in the Maritime Industry”

DATE: October 17, 2021 (Sunday)

TIME: 9:45 - 10:15 am

LINK: <https://umt.webex.com/umt/j.php?MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d>



*Participants who are unable to access the keynote address and plenary sessions may attend the sessions streamed on the UMT Facebook at this link:

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PLENARY SPEECH



Assoc. Prof. Ts. Dr. Mohamad Rosni Othman

“Realising Blue Economy Benefits Through the Maritime Industry”

DATE: October 17, 2021 (Sunday)

TIME: 2:00 - 2:30 am

LINK: <https://umt.webex.com/umt/j.php?MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d>



Dr. Anuar Abu Bakar

“Progressive Collapse Analysis of Ship Hull Damage Due to Collision and Grounding”

DATE: October 18, 2021 (Monday)

TIME: 9:45 - 10.15 am

LINK: <https://umt.webex.com/umt/j.php?MTID=m7029583a4d9798b1ea9e48c3ec8d0e7d>



*Participants who are unable to access the keynote address and plenary sessions may attend the sessions streamed on the UMT Facebook at this link:

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PARALLEL SESSION SCHEDULE

DAY 1

16 OCTOBER 2021 (SATURDAY)

PARALLEL SESSION 1

	Session 1A	Session 1B	Session 1C	Session 1D
Malaysia Time (GMT +8)	Session Chair: Assoc. Prof. Ts. Dr. Kasypi bin Mokhtar	Session Chair: Capt. Dr. Mohammed Ismail Russtam Suhrab	Session Chair: Dr. Abdul Hafaz bin Ngah	Session Chair: Assoc. Prof. Dr. Datin Norhayati binti Haji Shariff
	Webex Link: https://umt.webex.com/umt/j.php?MTID=mc8fe95255bb783a649ef282988164d68	Webex Link: https://umt.webex.com/umt/j.php?MTID=m3616fc3354dfbefebae426b0940d11d5	Webex Link: https://umt.webex.com/umt/j.php?MTID=mb853bd3d0e35c3a65eb8ad73fe410b	Webex Link: https://umt.webex.com/umt/j.php?MTID=m01023edeaaa0113a96c548b5210688ab
11.45 am–12.00 pm	PAPER ID: MT-001 Simulation of roll damping predictions for small craft in the Northern Straits of Melaka <i>Roslin Ramli, Mohd Hisbany Mohd Hashim & Muhammad Hafiz Hakimi Ahmad Faudzi</i>	PAPER ID: NS-001 Maritime Simulator-based training in Sri Lanka: Tolerance limits for freeze probes during Open Sea scenario phase <i>R.C. Widyalankara a, S. Medawela Disanayaka b P. Medagamac, H. Pererad & P. Sedricke</i>	PAPER ID: ML-001 The Symbiosis of Relationship Between Seaport and Dryport in Malaysia <i>Fatinah 'Izzati Mohd Shukri, Jagan Jeevan & Norlinda Rozar</i>	PAPER ID: ME-001 Maritime Education and Training (MET): Impact to Improve Maritime Sector in Malaysia <i>Noorlee Boonadir, Rosnah Ishak, Hamidah Yusof & Aida Fakhrul Lamakasauk</i>
12.00–12.15 pm	PAPER ID: MT-002 Cyber Security Challenges in Maritime Industry <i>Fatin Atira Khafiza & Marhaini Mohd Noor</i>	PAPER ID: NS-002 The Realization of National Hinterland Policy Towards the Integrated Transport Service Sector to Stimulate the National Integrated Inland Transport Sector <i>Sharmila Subramaniam & Madzli Harun</i>	PAPER ID: ML-002 Exploring the concept of regional development: An outlook from seaport <i>Raja Somu, Jagan Jeevan, Nurul Haqimin Mohd Salleh, Mohamad Rosni Othman, Kasypi Mokhtar & Abdul Hafaz Ngah</i>	PAPER ID: ME-002 An Economic Valuation of National Shipping Company Using Contingent Valuation Method (CVM): The Case of South Korea <i>Taylor Tae-Hwee Lee & Ae-Rim So</i>
12.15–12.30 pm	PAPER ID: MT-003 Saving Lives Through RFID and NFC: Understanding How to Improve a Cruising Ship's Evacuation via the Automated Lifeboat Manifestation Embarkation System (ALMES) <i>Antonios Andreadakis, Tabor Forrester Sloane & Angelos Dalaklis</i>	PAPER ID: NS-003 Formulation Of Nation Service Inspection and Quarantine Strategy Plan; Empowerment of Cooperation in Development Of Inspection And Quarantine Services Towards International Trade Harmonization And Customs Clearance Efficiency At Malaysia Gateway <i>Hanif Amzar Mahmud & Madzli Harun</i>	PAPER ID: ML-003 The Relationship between Cyber Threats, Cyber Attacks and Cyber Security in Maritime Logistics <i>Ahmad Suffian Hadzmir & Marhaini Mohd Noor</i>	PAPER ID: ME-003 South China Sea Dispute: ASEAN Intergovernmental Approach on the Maritime Security Challenges Rising from the Shifting Geopolitics of Indo-Pacific Region <i>Saidatul Nadia Abd Aziz & Salawati Mat Basir</i>
12.30–12.45 pm	PAPER ID: MT-004 Geographical Information System (GIS) and Remote Sensing (RS) Applications in Green Port Water Quality Management in Malaysia. <i>Izyan Hakimah Kamar Supardi & Nazirah Mohamad Abdullah</i>	PAPER ID: NS-004 A Study on the estimation of service life on Aids to Navigation <i>Kyoung-hoon Choi, Jung-suk Choi & In-hum Baek</i>	PAPER ID: ML-031 An Evaluation Risk for Long Distance Logistics Transportation Driver: A Case Study from Northern to Central Peninsular Malaysia <i>Nur Syarffa Umairah Zakaria, Mohd Saiful Izwaan Saadon & Mohamad Rosni Othman</i>	PAPER ID: ME-004 The Impact of Maritime Activities in The Natural Environment. <i>Nurashahilla Sarola & Kasypi Mokhtar</i>

PARALLEL SESSION 2

	Session 2A	Session 2B	Session 2C	Session 2D
Malaysia Time (GMT +8)	Session Chair: Dr. Mohd Sharifuddin bin Ahmad	Session Chair: Assoc. Prof. Dr. Noreha binti Hashim	Session Chair: Ts. Dr. Mohd Saiful Izwaan bin Saadon	Session Chair: Dr. Siti Marsila binti Mhd Ruslan
	Webex Link: https://umt.webex.com/umt/j.php?MTID=mc8fe95255bb783a649ef282988164d68	Webex Link: https://umt.webex.com/umt/j.php?MTID=m3616fc3354dfbefebae426b0940d11d5	Webex Link: https://umt.webex.com/umt/j.php?MTID=mb853bd3d0e35c3a65ebeb8ad73fe410b	Webex Link: https://umt.webex.com/umt/j.php?MTID=m01023edeaaa0113a96c548b5210688ab
2.45–3.00pm	PAPER ID: NS-005 The Potential and Limitation of Malaysian Government and Stakeholders to Prevent Vessel Source Marine Pollution: A Study of Port of Tanjung Pelepas <i>Nurhawanis Ghazali & Izyan Munirah Mohd Zaideen</i>	PAPER ID: ML-005 A Study on Key Survival Strategies for Malaysia's Shipping Industry During the Covid-19 Pandemic Muhamad Nur Faishalzuddin Zainudin & Norlinda Mohd Rozar	PAPER ID: ME-005 The Garbage Disposal Impact from Coastal to Sea Transportation <i>Rohana Osman & Kasypi Mokhtar</i>	PAPER ID: ME-018 Women in Maritime Industry: Initiative to Encourage Women Participation. <i>Nik Nor Hafizah Mazuan & Masha Nur Salsabiela Menhat</i>
3.00–3.15pm	PAPER ID: NS-006 IMO 2020 Regulations and Its Implementation Towards Sustainable Development Goals (SDGs): A Study of Malaysia <i>Siti Nur Zulaiha Misbah & Izyan Munirah Mohd Zaideen</i>	PAPER ID: ML-006 The Impact of Online Shopping delivery by Courier Services <i>Muhamad Amirudin Yasin & Kasypi Mokhtar</i>	PAPER ID: ME-006 Impact of Covid 19 on Malaysian Maritime Business <i>Tharishini Krishnan & Kunal Uniyal</i>	PAPER ID: ML-010 A Study on Impact of Covid-19 Pandemic Towards Malaysia Seaport <i>Muhamad Najmi Hamdan & Loke Keng Bin</i>
3.15–3.30pm	PAPER ID: NS-007 The Strenght of The Marine Tourism Sector Towards the Blue Economy and Global Goals: Measure the State of The Enablers of The Marine Tourism Sector Using the Fuzzy Delphi Approach <i>Mohamad Rosni Othman, Mohd Saiful Izwaan, Jagan Jeevan & Muhammad Nor Hakim</i>	PAPER ID: ML-007 A Review on The Potential of Halal Warehouse Compliances in Port Cargo Handling: Logistics Service Provider (LSP) In Malaysia <i>Nursakinah Suleiman, Norlinda Mohd Rozar & Indrianawati Usman</i>	PAPER ID: ME-007 The Implication of Coastal Reclamation towards Fishermen at Kuala Nerus <i>Shahra Safaraz Mudawi & Siti Marsila Mhd Ruslan</i>	PAPER ID: ML-011 Reduction of Passenger Quantity on Airline Company During Corona Virus Disease in Malaysia <i>Nur Najeeha Nadia Md Jaafar & Loke Keng Bin</i>
3.30–3.45 pm	PAPER ID: NS-008 Marine Litter in Malaysian Waters: Sources, Impacts, and Management <i>Mohd Amin Azhari & Izyan Munirah Mohd Zaideen</i>	PAPER ID: ML-008 Geologstics: An Emerging Notion in Maritime Supply Chain <i>Nur Hidayati Abdul Karim, Jagan Jeevan, & Nurul Haqimin Mohd Salleh</i>	PAPER ID: ME-008 The Impact of Fishermen's Behavior Towards to Sustainability of Marine Ecosystem in Kuala Kurau, Perak <i>Nur Hazwani Idris & Siti Marsila Mhd Ruslan</i>	PAPER ID: ML-012 The Impact of Port-City on Malaysian Regional Development <i>Nurul Ayuni Idzha, Jagan Jeevan, & Nurul Haqimin Mohd Salleh</i>
3.45–4.00 pm	PAPER ID: ML-030 Risk Evaluation for The Proposal of Floating Market in Seberang Takir, Kuala Terengganu <i>Nur Syabirah Mahamud, Mohd. Saiful Izwaan Saadon, Mohamad Rosni Othman & Dina Azleema Mohamed Nor</i>	PAPER ID: ML-004 Green Supply Chain Initiatives: An Effective Strategies of Logistics Industry in Malaysia <i>Mohammad Aziz Azman Zulki & Norlinda Rozar</i>	PAPER ID: ME-011 The Implementation of IMO 2020 Sulphur Regulation by Major Maritime Nations <i>Abhay Singh & Sanjeevi Shanthakumar</i>	PAPER ID: ME-023 The Demand of Stakeholder and Societal for Sustainable Port: A Case of Tanjung Beruas Port <i>Muhamad Shahiezwan Sarawi, Mohammad Amyrul Hafiz Azizan & Nurul Haqimin Mohd Salleh</i>

DAY 2

17 OCTOBER 2021 (SUNDAY)

PARALLEL SESSION 3

	Session 3A	Session 3B	Session 3C	Session 3D
Malaysia Time (GMT +8)	Session Chair: Dr. Rudiah binti Md Hanafiah	Session Chair: Dr. Izyan Munirah binti Mohd Zaideen	Session Chair: Dr. Masha Nur Salsabiela binti Menhat	Session Chair: Dr. Marhaini binti Mohd Noor
	Webex Link: https://umt.webex.com/umt/j.php?MTID=mc8fe95255bb783a649ef282988164d68	Webex Link: https://umt.webex.com/umt/j.php?MTID=m3616fc3354dfbefebae426b0940d11d5	Webex Link: https://umt.webex.com/umt/j.php?MTID=mb853bd3d0e35c3a65eb8ad73fe410b	Webex Link: https://umt.webex.com/umt/j.php?MTID=m01023edeaaa0113a96c548b5210688ab
11.00–11.15 am	PAPER ID: ML-013 Exploring the Challenges of Covid-19 and its Impact on Freight Forwarders in West Port of Malaysia <i>Tamilselvan Ganesan & D. N Shariff</i>	PAPER ID: ME-017 The Sustainability of Free Trade Zone in Malaysia: Effect of The Transshipment Towards Local Economy <i>Nurshahira Mat Radzi & Mohamad Rosni Othman</i>	PAPER ID: ML-017 Loyalty in Courier Services Among Retailers in Malaysia <i>Nur Farhain Ahmad Salihin, A.H. Ngah & J. Jeevan</i>	PAPER ID: ME-022 Issues and Challenges of Maritime Corruption in Malaysia <i>Noreha Hashim & Norhana Mat Nawai</i>
11.15–11.30am	PAPER ID: ML-014 The Role of Shipping Fee for Online Buyer's Repurchase Intention <i>Sharifah Nur Athirah Syed Mohamed Ghazafi, A.H. Ngah & J. Jeevan</i>	PAPER ID: ML-009 21st Century Maritime Silk Route: Challenges n Prospects for Maritime Infrastructure Development in Bangladesh. <i>Kazi Md. Abu Sayeed, M R Karim Chowdhury, A.H Saharuddin & Madzli Harun.</i>	PAPER ID: ML-018 Identifying Enablers and Developing the Strategies for Airship Drone as a Delivery Mode in The Logistics Operation <i>Diana Anak Ajong & Mohamad Rosni Othman</i>	PAPER ID: ME-009 Implementation of International Maritime Organization Compliance Annex VI: Analysis on Seaports Efficiency <i>Amanda Marc & Jagan Jeevan</i>
11.30–11.45am	PAPER ID: ML-015 Factors Influencing Intention to Join Maritime Industry Among Female Maritime Students in Malaysia <i>Nor Farhana Izzati Mohamad Nadzir, A.H. Ngah & J. Jeevan</i>	PAPER ID: ME-019 Factor Affecting Students Intention to Choose Maritime Program <i>Abdul Mu'izz Yahaya & Masha Nur Salsabiela Menhat</i>	PAPER ID: ML-019 The Impact of The Covid-19 Pandemic to Kuantan Port Operation: Port Employee <i>Mashitoh Arshad & Mohamad Rosni Othman</i>	PAPER ID: ME-010 The Implications of Seaport on The Regional Development in East Coast Malaysia <i>Nor Amira Juliana Jalaludin, Jagan Jeevan, & Nurul Haqimin Mohd Salleh</i>
11.45am–12.00	PAPER ID: ML-016 Evaluation of regional development by utilising seaport functionalities <i>Jagan Jeevan, Raja Somu, Nurul Haqimin Mohd Salleh, Mohamand Rosni Othman, Kasypi Mokhtar & Abdul Hafaz Ngah</i>	PAPER ID: ME-020 Analysing the Role of National Museum in Representing Malaysia as A Maritime Nation <i>Anija Natasha Azhar & Masha Nur Salsabila Menhat</i>	PAPER ID: ML-020 Halal Logistics Hub in East Coast Peninsular Malaysia: Current Constraints and Future Potentials <i>Zulfahmi Zakaria & Mohamad Rosni Othman</i>	PAPER ID: ME-012 Concept Blue Economic Strategy Can Ensure the Sustainability of Marine Life and Contribute the Coastal Community in The State of Terengganu <i>Fahmi Abdul Khalif & Mohamad Rosni Othman</i>

PARALLEL SESSION 4

	Session 4A	Session 4B	Session 4C	Session 4D
Malaysia Time (GMT +8)	<p>Session Chair: Mr. Madzli bin Harun</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=mc8fe95255bb783a649ef282988164d68</p>	<p>Session Chair: Ts. Dr. Ahmad Faizal bin Ahmad Fuad</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=m3616fc3354dfbefe426b0940d11d5</p>	<p>Session Chair: Mr. Mohd Rizal bin Ismail</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=mb853bd3d0e35c3a65eb8ad73fe410b</p>	<p>Session Chair: Dr. Loke Keng Bin</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=m01023edeaaa0113a96c548b5210688ab</p>
2.45 – 3.00 pm	<p>PAPER ID: ML-025 Challenges In Managing the Pollution Impact of Port Activities in Malaysia <i>Muhammad Norasyraaf Norhadie & Izyan Munirah Mohd Zaideen</i></p>	<p>PAPER ID: MT-005 Pandemic in Perspective of Marine Spatial Planning (MSP) <i>Ayati Binti Parmen & Nazirah Binti Mohamad Abdullah</i></p>	<p>PAPER ID: ML-021 Post Covid19 " Reviving Economy of Klang Valley with The Application of Digitalization in Maritime Logistics Industry <i>Siti Salma Norman & Mohamad Rosni Othman</i></p>	<p>PAPER ID: ME-013 The Strength of The Tourism Sector Towards Eco-Smart Tourism and Sustainable Development Goal: The Health Indicator of The Marine Tourism Sector in Kuala Terengganu, Terengganu Using the Fuzzy Delphi Approach <i>Muhammad Nor Hakim & Mohamad Rosni Othman</i></p>
3.00 – 3.15pm	<p>PAPER ID: ML-026 Malaysia Perspective on Legal Practices and Challenges in Addressing Marine Pollution and Its Impact on Port and Shipping Operation <i>Aziz Yahaya & Izyan Munirah Mohd Zaideen</i></p>	<p>PAPER ID: MT-006 Compression and Fracture Morphology Analysis of Oil Palm Trunk (OPT) Reinforced Epoxy via Vacuum Assisted Resin Transfer Moulding. (VARTM) Technique <i>F. Nik Wan, A. AbuBakar, M.J. Suriani, A.M. Saat, A. Fitriadhy, W.B. Wan Nik, M.S. Abdul Majid & Z.Z. Mukhtar</i></p>	<p>PAPER ID: ML-022 Identifying Enablers and Developing the Strategies for Logistics Company Sustainability and Resilient Towards Competitive Logistics Sector in Malaysia <i>Siti Nor Zahera Mohd Syaikin, Norzaitiey Nazira Abdullah, Rishvetha Soori Ravooo, Vimala Devi Govindasamy & Mohamad Rosni Othman.</i></p>	<p>PAPER ID: ME-014 Identifying Enablers and Developing the Strategies for Seaports Sustainability and Resilient Towards Competitive Seaport Sector: Comparison Analysis of Port Tariff Between Port Klang and Port Of Singapore <i>Afza Najwa Zulkefli, Fatin Nuramirah Zuraim, Mohamad Faraikhwan Elham Ab Rahim, Najwa Izzati Zambri, Muhammad Amirul Amin Azman & Mohamad Rosni Othman</i></p>
3.15 – 3.30 pm	<p>PAPER ID: ML-027 Cyber Security Vulnerabilities in Maritime Management and Industry <i>Marhaini Mohd Noor</i></p>	<p>PAPER ID: MT-007 Design of Adaptive Sliding Mode Controller for Trajectory Tracking of Underwater Crawler Robot <i>Wenxue Su, Yancai Hu & Qiang Zhang</i></p>	<p>PAPER ID: ML-023 A Study on The Impact of Covid-19 Pandemic Towards Seafarers Sign-On and Sign-Off Process <i>Aishwarya Kalyappen & Masha Nur Salsabeila Menhat</i></p>	<p>PAPER ID: ME-015 Identifying Enablers and Developing the Strategies for Shipping Company Sustainability and Resilient Towards Competitive Shipping Sector in Case of Mediterranean Shipping Company. <i>Muhammad Syafiq Daniel Hamdan, Muhammad Nurizzat Zakariah, Muhammad Khairul Azim Mohd Yusof, Khairul Bahriah Zainal & Mohamad Rosni Othman</i></p>
3.30 – 3.45 pm	<p>PAPER ID: ML-028 A Case Study on Issues of Integrity and Ethics Management Among Manning Agencies in Malaysia <i>Mohamad Syafiz Kamaronzaman & Noreha Hashim</i></p>	<p>PAPER ID: MT-008 Finite-Time Adaptive Feedforward Attenuating Sliding Model Trajectory Tracking Control of Caisson Dredging Robot Under Input Saturation <i>Qiyu Chen, Qiang Zhang & Yancai Hu</i></p>	<p>PAPER ID: ML-024 Women In the Maritime Industry: A Research on The Challenges That Faced by Women in The Maritime Industry. <i>Yishantini Sivakumar & Masha Nur Salsabila Menhat</i></p>	<p>PAPER ID: ME-016 Identifying Enablers and Developing the Strategies for Shipping Company Towards Competitiveness: Case Study Of Local Shipping Company Using Fuzzy Delphi Method <i>Mashitah Isa, Nor Shahirah Mohamad, Muhammad Zulhilmi Mohd Khair, Ahmad Rodhiyuddin Mohd Rizal, Muhammad Suhaidi Omar & Mohamad Rosni Othman</i></p>
3.45 – 4.00 pm	<p>PAPER ID: ML-029 The Relationship Between Technical Skills, Soft Skills, And Work Environment Towards Employee Commitment: A Perceptions Study Among Seafarers <i>Rineeshaah Thiagarajan, Mohd Saiful Izwaan Saadon, Mohamad Rosni Othman & Dina Azleema Mohamed Nor</i></p>		<p>PAPER ID: ME-021 Mapping Maritime Tourism in Achieving the Sustainable Development Goals (SDGs) <i>Amira Amiruddin & Izyan Munirah Mohd Zaideen</i></p>	<p>PAPER ID: ME-024 Proactive Sustainable Approach by Malaysian Feeder Shipping Companies in the Disruptive Era <i>Mohamad Danial Farhan Zainuddin & Nurul Haqimin Mohd Salleh</i></p>

DAY 3

18 OCTOBER 2021 (MONDAY)

PARALLEL SESSION 5

	Session 5A	Session 5B	Session 5C	Session 5D
Malaysia Time (GMT)	<p>Session Chair: Mdm. Wan Mariam Wan Abdullah</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=mc8fe95255bb783a649ef282988164d68</p>	<p>Session Chair: Mr. Mohd Hafizi Said</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=m3616fc3354dfbe426b0940d11d5</p>	<p>Session Chair: Mr. Nik Muhamad Afiz Harom Junoh</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=mb853bd3d0e35c3a65ebeb8ad73fe410b</p>	<p>Session Chair: Dr. Norlinda Mohd Rozar</p> <p>Webex Link: https://umt.webex.com/umt/j.php?MTID=m01023edeaaa0113a96c548b5210688ab</p>
11.00–11.15 am	<p>PAPER ID: ME-025 The Challenges of Industry 4.0 in Circular Economy: Malaysian Maritime Industry <i>Vimalasri Rasamanikam & Rudiah Md Hanafiah</i></p>	<p>PAPER ID: NS-009 Ship Detention Factors Under Port State Control in Malaysia <i>Mohammed Ismail Russtam Suhrab, Thivya Dharsni A.P. Muniandy; Ahmad Faizal Ahmad Fuad, Mohd Hafizi Said & Tamim Ahmed</i></p>	<p>PAPER ID: MT-009 The Impact of Covid-19 Pandemic on Malaysia's Maritime Industry Transition Towards Industry 4.0 <i>Kanakesswaran Munuchamy & Izyan Munirah Mohd Zaideen</i></p>	<p>PAPER ID: ML-032 The Evaluation of Safety, Health and Environment for Maritime Activities at Sungai Udang, Yan, Kedah <i>Nur Ifatin Abdullah, Mohd Saiful Izwaan Saadon, Mohamad Rosni Othman & Dina Azleema Mohd Nor</i></p>
11.15–11.30am	<p>PAPER ID: ME-026 The Relationship between Information and Communication Technology and Building Blue Social Capital for Maritime Community Development <i>Nur Syahzanani Hani Binti Mohd Zamri, Marhaini Binti Mohd Noor & Siti Marsila Binti Mhd Ruslan</i></p>	<p>PAPER ID: NS-010 A Study on The Navigational Safety of Inland Waterway Transport System (IWTS) in Sarawak: Rajang River <i>Cindy Lai Fung Fung & Mohammed Ismail Russtam Suhrab</i></p>	<p>PAPER ID: MT-010 Willingness to Use social media for Learning among Maritime Students <i>Nurul Amirah Fitrah Sohaimi & Masha Nur Salsabiela Menhat</i></p>	<p>PAPER ID: ML-033 Hazard Identification, Risk Assessment and Risk Control for Prime Mover at Port of Tanjung Pelepas <i>Zatil Noorshahadah Abd Halim, Mohd Saiful Izwaan Saadon, Mohamad Rosni Othman & Dina Azleema Mohamed Nor</i></p>
11.30–11.45am	<p>PAPER ID: ME-027 Leadership styles, employee engagement, employee retention, and employee performance: Evidence from Jordan's petroleum retailing sector <i>Montaser Mohammad, Masha Menhat, Izyan Munirah Mohd Zaideen & Mohd Saiful Izwaan Saadon</i></p>	<p>PAPER ID: NS-011 Fatigue Affecting the Work Performance in The Shipping Industry <i>Nur Ezette Mohamad Zin & Mohammed Ismail Russtam Suhrab</i></p>	<p>PAPER ID: MT-011 Preventive Measures to Reduce Plastics-Based Marine Pollution in Malaysia <i>Athirah Zulhaziqah Che Hassan, Nurul Haqimin Mohd Salleh & Izyan Munirah Mohd Zaideen</i></p>	<p>PAPER ID: ML-034 Evaluation of Safety & Security for Goods Transportation from Jeli Kelantan to Grik Perak <i>Suriati Shamsuddin, Mohd Saiful Izwaan Saadon, Mohamad Rosni Othman & Dina Azleema Mohamed Nor</i></p>
11.45am–12.00pm	<p>PAPER ID: ME-028 The Trade Agreements of Caribbean Community and Common Market (CARICOM)- Malaysia: Malaysia Readiness Towards a New Form of Trading Partners in the Region of Caribbean <i>Madzli Harun, Saudi Abdullah, Mustakim Abdul Kahar & Mohammad Zaki Ahmad</i></p>	<p>PAPER ID: NS-012 Issues and Challenges on The Internationalization of Maritime Studies: UMT as a Case Study <i>Mohamad Youssef Sleiman & Noor Apandi Osnin</i></p>	<p>PAPER ID: MT-012 The Challenges of Maritime Education Transformation Towards Online Education During Covid-19 <i>Nur Aliah Ibrahim & Rudiah Md Hanafiah</i></p>	<p>PAPER ID: ML-035 If You Don't Care, I Will Switch, Online Retailers Behaviour on Third-Party Logistics Selection <i>A.H. Ngah</i></p>

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Conference Partners*

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