



The Australian Maritime Logistics Research Network (AMLRN) 2024 Symposium

RMIT University, Melbourne, Australia

Thursday, December 05th 2024

Hosted by



**School of Accounting, Information
Systems & Supply Chain**

College of Business & Law

The Australian Maritime Logistics Research Network (AMLRN) 2024 Symposium Program

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08.30 – 09.00	Registration
09.00 – 09.15	Opening Ceremony
	<p>Master of Ceremony: Dr Aswini Yadlapalli, <i>School of Accounting, Information Systems and Supply Chains, RMIT University, Australia</i></p> <p>RMIT Building 80, Level 10, Room 17 Microsoft Teams link: Click here to join the session</p>
	<ul style="list-style-type: none"> • Welcome and Acknowledgement of Country Professor Babak Abbasi, <i>Deputy Dean of Research & Innovation, School of Accounting, Information Systems & Supply Chain, RMIT University</i> • Opening statement of AMLRN Prof Vinh Thai, <i>School of Accounting, Information Systems and Supply Chains, RMIT University, Australia</i>
09.15 – 10.30	Keynote presentations
	<p>Moderator: Assoc Prof Peggy Chen, <i>Director, Centre for Maritime and Logistics Management, Australian Maritime College, University of Tasmania, Australia</i></p> <p>RMIT Building 80, Level 10, Room 17 Teams link: Click here to join the session</p>
	<p>09.15 – 09.45</p> <ul style="list-style-type: none"> • Cyber Resilience and the Maritime Sector Professor Matthew Warren, <i>Director, Centre of Cybersecurity Research & Innovation, RMIT University</i> <p>09.45 – 10.15</p> <ul style="list-style-type: none"> • Australia is a Maritime Nation with Big Challenges in a Time of Opportunity Ms Angela Gillham, <i>CEO, Maritime Industry Australia Limited (MIAL)</i>

	<p>10.15 – 10.30</p> <ul style="list-style-type: none"> • Q & A
10.30 – 10.45	Morning tea – <i>Sponsored by RMIT’s Global Business Innovation (GBI) Enabling Impact Platform</i>
10:45 – 12:45	Parallel paper presentation Session 1, Session 2, Session 3, Session 4
12:45 – 13:15	Lunch - <i>Sponsored by RMIT’s Global Business Innovation (GBI) Enabling Impact Platform</i>
13:15 – 14:15	Industry panel discussion
	<p>Moderator: Prof Michael Bell, <i>Chair of Ports and Maritime Logistics, Institute of Transport and Logistics Studies (ITLS), University of Sydney Business School</i></p> <p><i>RMIT Building 80, Level 10, Room 17</i> <i>Teams Link: Click here to join the session</i></p>
	<p>The Quest for Decarbonisation and Net Zero in the Maritime Industry</p> <p><u>Panel members</u> Mr Andrew Newman, <i>Director Policy and Strategy, Freight Victoria, Department of Transport and Planning</i> Mr Tim Dornom, <i>Senior Sustainability Manager, Port of Melbourne</i> Mr Aadil Machiwala, <i>Trade Manager Northeast Asia, Australian National Line</i></p>
14.15 – 14.30	Certificate Award and Closing
	<p>Moderator: Prof Vinh Thai, <i>School of Accounting, Information Systems and Supply Chains, RMIT University, Australia</i></p> <p><i>RMIT Building 80, Level 10, Room 17</i> <i>Teams Link: Click here to join the session</i></p>
	<ul style="list-style-type: none"> • Award of Certificate of Appreciation and Certificate of Participation Prof Vinh Thai, <i>School of Accounting, Information Systems and Supply Chains, RMIT University, Australia and Symposium Chair</i> • Concluding remarks Prof Paul Childerhouse, <i>Head of Department of Supply Chain and Logistics, School of Accounting, Information Systems and Supply Chain, RMIT University, Australia</i>

Presentation Schedule – Parallel Sessions

<u>Session 1: Port Sustainability</u>	<u>Session 2: Shipping Sustainability</u>	<u>Session 3: Maritime Connectivity and Technology</u>	<u>Session 4: Maritime Complexity and Resilience</u>
Chair: Dr Muhammad Abdulrahman (RMIT)	Chair: Assoc Prof Sean Arisian (La Trobe University)	Chair: Prof Hadi Ghaderi (Swinburne University)	Chair: Assoc Prof Yong Wu (Griffith University)
<i>RMIT Building 80, Level 10, Room 13</i> <i>Teams link: Click here to join the session</i>	<i>RMIT Building 80, Level 10, Room 14</i> <i>Teams link: Click here to join the session</i>	<i>RMIT Building 80, Level 10, Room 15</i> <i>Teams link: Click here to join the session</i>	<i>RMIT Building 80, Level 10, Room 16</i> <i>Teams link: Click here to join the session</i>
Teams host: Dr Aswini Yadlapalli (RMIT)	Teams host: Prof Vinh Thai (RMIT)	Teams host: Dr My Nguyen (RMIT)	Teams host: Dr Priyabrata Chowdhury (RMIT)
10.45 – 11.15: Transitioning Coal Ports to Circular Economy Precincts: A Case Study of the Port of Newcastle <i>Veronica Schulz, Michael GH Bell, John Rose, Glenn Geers</i>	10.45 – 11.15: Green Liner and Feeder Shipping Network Design <i>Jzolanda Tsavalista Burhani, Michael G.H. Bell, Jyotirmoyee Bhattacharjya, Glenn Geers</i>	10.45 – 11.15: Collaboration in the Maritime Industry: Managing Partitioning and Transitivity <i>Richard T. Watson</i>	10.45 – 11.15: Ripple effect of ammonia supply disruption on the ammonia bunker supply chain <i>Mengyao Yang, Jasmine Siu Lee Lam</i>
11.15 – 11.45: Identifying a comprehensive set of sustainable port management practices	11.15 – 11.45: Facilitating Carbon credits and offsets for the Ship-recycling and Shipbreaking Industry: The case of India	11.15 – 11.45: Market effect on collaboration mechanisms in container shipping <i>Mosleh Amiri</i>	11.15 – 11.45: Multiple yard crane scheduling with variable crane handling time <i>Yong Wu</i>

<i>Mohammed Mojahid Hossain Chowdhury, Wenming Shi, Vera Zhang</i>	<i>Mayank Mishra, Shishir Shrotriya</i>		
<p>11.45 – 12.15:</p> <p>Competency Framework of Port Workers at the Operational Level in the New Era of Supply Chain Management: A Mixed Method Approach</p> <p><i>Vinh V. Thai</i></p>	<p>11.45 – 12.15:</p> <p>Green Shipping Corridors: Charting Zero-Emission Maritime Trade</p> <p><i>Shishir Shrotriya*, Mayank Mishra</i></p>	<p>11.45 – 12.15:</p> <p>An Acceptance Model of Maritime Autonomous Surface Ship (MASS) in the Shipping Industry in Taiwan</p> <p><i>Chin-Shan Lu , Yi-Pei Liu</i></p>	<p>11.45 – 12.15:</p> <p>Evaluating the Impact of Circular Supply Chain Management on Port Resilience During Disruptions</p> <p><i>Jiarong Chen, Sunho Bang, Kwangsup Shin, Minh Ho, Vinh V. Thai</i></p>
<p>12.15 – 12.45:</p> <p>Evaluating the Impact of Smart Technologies on Port Sustainability: A Systematic Literature Review</p> <p><i>Hiep Tuan Nguyen , Lam Canh Nguyen , Huy Gia Dinh, Minh Cong Tran and Ngan Thi Dang</i></p>	<p>12.15 – 12.45:</p> <p>Developing Strategy for Australian Ports Integrating in the Global Hydrogen Supply Chains Using Sustainable Balanced Scorecard Approach</p> <p><i>Oktaviani Turbaningsih, Peggy Shu-Ling Chen, Hossein Enshaei, and Mark Cooper</i></p>	<p>12.15 – 12.45:</p> <p>Examining Applications of 4.0 Technologies in the Maritime Industry: A Bibliometric Analysis</p> <p><i>Cong Minh Tran , Minh Binh Chu , Lam Canh Nguyen , Viet Anh Pham , Trang Le Thuy</i></p>	<p>12.15 – 12.45:</p> <p>Maritime Logistics Resilience Capabilities: A Comprehensive Framework through Systematic Literature Review</p> <p><i>Thi Minh Hang Hoang</i></p>

Please be kindly noted that all indicated timeslots are Australian Eastern Daylight Time (AEDT).