



The Asian Logistics Round Table (ALRT) 2020 Conference

Australian Maritime College, University of Tasmania

Launceston, Tasmania, Australia

19 –20 November 2020

Host Institute and Organiser



National Centre for Ports and Shipping

Australian Maritime College

University of Tasmania, Australia

Co-organiser



Global Logistics and Transport Research Group

RMIT University, Australia

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Conference Program

Thursday, 19 November 2020	
1:00 pm-1:20 pm	Opening Ceremony (Chair: Associate Professor Prashant Bhaskar)
	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/89567105330 Meeting ID: 895 6710 5330
	<ul style="list-style-type: none"> ❖ Opening Remark by Conference Chair Associate Professor Peggy Chen, Australian Maritime College, University of Tasmania, Australia ❖ AMC Welcome by the Principal Mr Michael van Balen AO, Australian Maritime College, University of Tasmania, Australia ❖ Welcoming Remark by ALRT Secretary Professor Paul Tae-Woo Lee, Ocean College, Zhejiang University, China
1:20 pm-2:30 pm	Keynote Speech (Chair: Associate Professor Prashant Bhaskar)
	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/89567105330 Meeting ID: 895 6710 5330
	<ul style="list-style-type: none"> ❖ “From the front line – the world of uncertainty: Shipping and Logistics from a Tasmanian perspective” Mr Brett Charlton, General Manager, Agility Logistics/Chair of Tasmanian Logistics Committee ❖ “A resilient supply chain is dependent on modern technology” Mr Peter Creeden, Managing Director, MPC International Pty Ltd ❖ “Applications of IoT and Industry 4.0 approaches creating smart logistics” Associate Professor Stephen Cahoon, Director Sense-T, University of Tasmania
2:30 pm-2:40 pm	Break
2:40 pm-3:55 pm	Paper Presentation Session 1A, Session 1B, Session 1C
3:55 pm-4:10 pm	Break
4:10 pm-5:25 pm	Paper Presentation Session 2A, Session 2B, Session 2C
5:25 pm-5:40 pm	Break
5:40 pm-7:20 pm	Paper Presentation Session 3A, Session 3B, Session 3C

Friday, 20 November 2020	
1:00 pm-2:30 pm	Meeting Editors (Chair: Professor Prem Chhetri)
	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/85012764908 Meeting ID: 850 1276 4908
	<p>❖ Panel Members</p> <ul style="list-style-type: none"> • Professor Paul Tae-Woo Lee, Ocean College, Zhejiang University, China • Associate Professor Tsz Leung Yip, Editor of Maritime Business Review, The Hong Kong Polytechnic University, Hong Kong • Dr Wendy Shi on behalf of EIC of Maritime Policy & Management (Kevin X. Li), Australian Maritime College, University of Tasmania, Australia • Professor Britta Gammelgaard, EIC of International Journal of Logistics Management, Copenhagen Business School, Denmark (Video presentation) <p>❖ Q & A</p>
2:30 pm-2:40 pm	Break
2:40 pm-4:20 pm	Paper Presentation Session 4A, Session 4B, Session 4C
4:20 pm-4:30 pm	Break
4:30 pm-6:10 pm	Paper Presentation Session 5A, Session 5B, Session 5C
6:10 pm-6:20 pm	Break
6:20 pm-6:40 pm	Closing Ceremony (Chair: Associate Professor Peggy Chen)
	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/84485575638 Meeting ID: 844 8557 5638
	<p>❖ Best Paper Award ALRT Secretary, Professor Paul Tae-Woo Lee, Ocean College, Zhejiang University, China</p> <p>❖ Closing Remarks Conference Chair, Associate Professor Peggy Chen, Australian Maritime College, University of Tasmania, Australia ALRT Secretary, Professor Paul Tae-Woo Lee, Ocean College, Zhejiang University, China</p>

Parallel Sessions (Time Zone: Australian Eastern Daylight Time; Same as Sydney)

Paper Presentation Session 1 (* Presenter)

	Session 1A: Trade & Market	Session 1B: Big Data	Session 1C: SCM
Thursday, 19 November 2:40 pm-3:55 pm	Zoom host: Wendy Shi Link: https://utas.zoom.us/j/88500489865 Meeting ID: 885 0048 9865	Zoom host: Nataliya Nikolova Link: https://utas.zoom.us/j/81689517228 Meeting ID: 816 8951 7228	Zoom host: Hadi Rezaei Vandchali Link: https://utas.zoom.us/j/83114451031 Meeting ID: 831 1445 1031
	Chair: Dr Wendy Shi	Chair: Prof. Nataliya Nikolova	Chair: Prof. Prem Chhetri
	❖ <u>ALRT2082</u> The Application of ARIMA and SARIMA Models for Container Terminal Throughput <i>Kasypi Mokhtar, W.M.Amir Wan Ahmad, Nurfadhline Abdul Halim, Siti Marsila Mhd Ruslan*</i>	❖ <u>ALRT2052</u> Team Resilience in Emergency Response: Analytical Framework and Study of Air Transport Accident Reports <i>Levashini Gunasegar, Oanh Nguyen, Natalia Nikolova*, Kiril Tenekedjiev</i>	❖ <u>ALRT2057</u> Future of Last Mile Delivery: An Application of Scenario Thinking Approach <i>Kolawole Ewedairo*, Prem Chhetri, Jago Dodson, Himanshu Shee</i>
	❖ <u>ALRT2003</u> Backtesting counter-cyclical ship investment by utilising shipping Q metric <i>Sinem Celik Girgin*, Okan Duru</i>	❖ <u>ALRT2060</u> Data analytics for shipping connectivity in the context of the 21st Century Maritime Silk Road <i>Wei Yim Yap*, Paul Tae-Woo Lee</i>	❖ <u>ALRT2058</u> End of Life Ship Remanufacturing: A Closed-loop Supply Chain Network <i>Prem Chhetri, Mahsa Javan Nikkhah, Hamed Soleimani, Shahrooz Shahparvari*, Ashkan Shamlou</i>
	❖ <u>ALRT2077</u> Evaluating recovery strategies for the disruptions in liner shipping networks: A resilience perspective <i>Chengpeng Wan, Jiale Tao*, Jing Wu, Di Zhang, Zaili Yang</i>	❖ <u>ALRT2042</u> IoT and Big Data Technologies to Avoid Disruptions: Creating a Resilient Model for Global Supply Chain Networks <i>Praadnya P Wadke*, Hadi Rezaei Vandchali</i>	❖ <u>ALRT2023</u> Maritime Logistics Disruptions Caused by Human Element <i>Asanka Rajapakse*, Gholam Reza Emad</i>
3:55 pm-4:10 pm	Break		

Paper Presentation Session 2 (* Presenter)

	Session 2A: Trade & Market	Session 2B: Big Data	Session 2C: SCM
Thursday, 19 November 4:10 pm-5:25 pm	Zoom host: Wendy Shi Link: https://utas.zoom.us/j/82348834015 Meeting ID: 823 4883 4015	Zoom host: Nataliya Nikolova Link: https://utas.zoom.us/j/87492855541 Meeting ID: 874 9285 5541	Zoom host: Hadi Rezaei Vandchali Link: https://utas.zoom.us/j/89495381121 Meeting ID: 894 9538 1121
	Chair: Prof. Chin-Shan Lu	Chair: Prof. Nataliya Nikolova	Chair: Dr Tim Polson
	❖ <u>ALRT2019</u> Employees' Perceptions of Culture, Organizational Citizenship Behavior and Job Performance in Maritime Service Firms <i>Chin-Shan Lu*</i> , Shen Yu	❖ <u>ALRT2063</u> The Critical Sustainability Factors and Challenges of Big Data Application in Malaysian Shipping Industry <i>Essia Yugus*</i> , Nurul Haqimin Mohd Salleh	❖ <u>ALRT2018</u> Tackling Asia-Pacific's Supply Chain Talent Shortage <i>Tim Polson*</i> , Aladdy Choo
	❖ <u>ALRT2010</u> Investigating How Blockchain is Transforming the Shipping Industry: A Systematic Literature Review <i>Chi Chien GOOI*</i> , Gholam Reza EMAD	❖ <u>ALRT2067</u> Blockchain Adoption in Electronic Bills of Lading: An Evolutionary Game Approach <i>Shuyi Pu*</i> , Jasmine Siu Lee Lam	❖ <u>ALRT2055</u> The effect of trust on logistics outsourcing relationship quality <i>Matthew Kalubanga*</i> , Sheila Namagembe
	❖ <u>ALRT2078</u> Are output differentiation and energy key variables when measuring container terminal efficiency? <i>Thomas Spengler*</i> , Beatriz Tovar, Gordon Wilmsmeier	❖ <u>ALRT2017</u> Blue Economy and Logistic Connectivity through Maritime Identity Development: A Case Study of Indonesia <i>Hevi Kurnia Hardini*</i> , Gholam Reza Emad, Hong-Oanh Nguyen	❖ <u>ALRT2043</u> The impact of industry 4.0 technologies on mitigating the risks associated with maritime transportation: A systematic literature review <i>Arash Sepehri*</i> , Hadi Rezaei Vandchali
5:25 pm-5:40 pm	Break		

Paper Presentation Session 3 (* Presenter)

	Session 3A: Technology & Sustainability	Session 3B: Simulation & Optimization	Session 3C: Port
	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/81477732892 Meeting ID: 814 7773 2892	Zoom host: Bill Du Link: https://utas.zoom.us/j/83747442360 Meeting ID: 837 4744 2360	Zoom host: Hong-Oanh Nguyen Link: https://utas.zoom.us/j/89501379038 Meeting ID: 895 0137 9038
	Chair: Dr Jagan Jeevan	Chair: Dr Bill Du	Chair: A/Prof Hong-Oanh Nguyen
	❖ ALRT2054 Toward Future Green Shipping: Resilience and Sustainability Indicators <i>Mohsen KHABIR*</i> , <i>Gholam Reza EMAD</i> , <i>Mehrangiz SHAHBAKSH</i>	❖ ALRT2085 Managing operational risks in the information flow of container shipping: A qualitative study <i>Son Nguyen*</i> , <i>Peggy Shu-Ling Chen</i> , <i>Yuquan Du</i>	❖ ALRT2006 Cruise Shipping Operations and Network Structure under Covid-19 Pandemic's Impact <i>Maneerat Kanrak*</i> , <i>Hong-Oanh Nguyen</i> , <i>Yuquan Du</i>
Thursday, 19 November 5:40 pm-7:20 pm	❖ ALRT2071 Cross border Malaysia-Thailand improvements for freight transaction in Padang Besar Perlis <i>Siti Nor Na'Imah Nazri*</i> , <i>Jagan Jeevan</i> , <i>Norlinda Rozar</i>	❖ ALRT2009 Berth Allocation and Quay Crane Assignment for Coordinated Operation of Multiple Container Terminals in A Port <i>Hao Hu*</i> , <i>Bo Du</i> , <i>Wei Zhang</i> , <i>Pascal Perez</i>	❖ ALRT2070 Assessing the readiness of Malaysian seaports as bunkering hub for very low sulphur fuel oil (VLSFO) <i>Najwa Amirah Ismail*</i> , <i>Nurul Haqimin Mohd Salleh</i>
	❖ ALRT2079 Energy Consumption Analysis of Using Hydrogen as Fuel in Tugboats <i>Zhong Shuo CHEN*</i> , <i>Jasmine Siu Lee LAM</i>	❖ ALRT2086 Robust Cargo Planning and Scheduling Using Discrete-Event Simulation <i>Mariia Dushenko*</i> , <i>Kenn Steger-Jensen</i> , <i>Ziaul Haque Munim</i>	❖ ALRT2053 The Corporate Social Performance evaluation in seaports: a Brazilian perspective <i>Eduardo Batalha*</i> , <i>Shu-Ling Chen</i> , <i>Oanh Nguyen</i> , <i>Hilary Pateman</i> , <i>Wei Zhang</i>
	❖ ALRT2065 Factors influencing Australian logistics companies toward adopting environmental activities <i>Sonia Sadeghian Esfahani*</i> , <i>Stephen Cahoon</i> , <i>Shu-Ling Chen</i> , <i>Hilary Pateman</i> , <i>Seyed Mojtaba Sajadi</i>	❖ ALRT2056 Analysis of the evolving maritime connectivity network structure using machine learning <i>Naima Saeed*</i> , <i>Su Nguyen</i> , <i>Prem Chhetri</i> , <i>Damminda Alahakoon</i>	❖ ALRT2041 Challenges to Integration of Container Terminal activities at Port of Colombo <i>Bathiya Wickramage*</i> , <i>Indika Sigera</i> ❖ ALRT2074 The Symbiosis of Relationship Between Seaport and Dry Port in Malaysia <i>Shukri,FI*</i>

Paper Presentation Session 4 (* Presenter)

	Session 4A: Port & Transport	Session 4B: Maritime	Session 4C: SCM
Friday, 20 November 2:40 pm-4:20 pm	Zoom host: Wendy Shi Link: https://utas.zoom.us/j/84928721108 Meeting ID: 849 2872 1108	Zoom host: Pom Link: https://utas.zoom.us/j/85019089627 Meeting ID: 850 1908 9627	Zoom host: Peggy Chen Link: https://utas.zoom.us/j/87446927158 Meeting ID: 874 4692 7158
	Chair: Dr Enna Hirata	Chair: A/Prof Tsz Leung Yip	Chair: Prof. Kai-Chieh Hu
	❖ <u>ALRT2076</u> A comparison of traditional and machine learning-based models in predicting Shanghai Containerized Freight Index <i>Enna Hirata*, Takuma Matsuda</i>	❖ <u>ALRT2022</u> Managing Anchorage in Dry Bulk Shipping: A logistics challenge with economic and environmental benefits <i>Trevor Heaver*</i>	❖ <u>ALRT2075</u> Supply chain design options and trade-offs in complex environments <i>Marcus Thiehl*, Gordon Wilmsmeier</i>
	❖ <u>ALRT2059</u> Inland Container Terminal Development to Increase Seaport's Competitiveness in Bangladesh <i>Razon Chandra SAHA*</i>	❖ <u>ALRT2008</u> Seaworthiness and autonomous ship: The legal implications in the 21st century <i>Dixon Lok Kan, So*</i>	❖ <u>ALRT2014</u> Using the Kano Model, Importance-performance Analysis, and Goal Difficulty to Explore the Improvement Priority of Service Quality Attributes for Home Delivery Logistics <i>Kai-Chieh Hu*, Kai-Chieh Chia, Mingying Lu, Ya-Lan Liang</i>
	❖ <u>ALRT2069</u> A Novel Development of Business Model for Pet Courier in Malaysia <i>Amira Husna Md Daud*, Nurul Haqimin Mohd Salleh, Madzli Harun</i>	❖ <u>ALRT2061</u> An Analysis on Labour Market of Korean Merchant Seafarers <i>Yong An Park*, T.L.Yip, Sung Rye Hu</i>	❖ <u>ALRT2080</u> A critical review of port performance and port choice: a port logistics system perspective <i>Khandaker Rasel Hasan*, Wei Zhang, Wenming Shi</i>
	❖ <u>ALRT2020</u> The concept of the cruise supply chain and its characteristics: An empirical study of China's cruise industry <i>Jingen Zhou*, Shu-Ling (Peggy) Chen, Wenming Shi</i>	❖ <u>ALRT2064</u> A Framework Proposal for Analyzing the Maritime Disruption due to Pandemic COVID-19: Malaysia Perspective <i>Nurul Haqimin Mohd Salleh*, Amira Husna Md Daud, Izyan Munirah Mohd Zaideen, Jagan Jeevan, Masha Nur Salsabiela Menhat, Mohamad Rosni Othman</i>	❖ <u>ALRT2081</u> Revealing the Reputation of Waste Reception Facilities in Managing Ship Generated Waste and Cargo Residue: A Systematic Literature Review <i>Deenesha Murugan, Izyan Munirah Mohd Zaideen*, Masha Menhat, Nurul Haqimin Mohd Salleh, Jagan Jeevan</i>
4:20 pm-4:30 pm	Break		

Paper Presentation Session 5 (* Presenter)

	Session 5A: Port & Transport	Session 5B: Maritime	Session 5C: SCM
	Zoom host: Johnny Fei Link: https://utas.zoom.us/j/81241461336 Meeting ID: 812 4146 1336	Zoom host: Peter Dzakah Fanam Link: https://utas.zoom.us/j/88532069726 Meeting ID: 885 3206 9726	Zoom host: Vera Zhang Link: https://utas.zoom.us/j/89683671468 Meeting ID: 896 8367 1468
	Chair: A/Prof Johnny Fei	Chair: A/Prof Vinh Thai	Chair: Dr Vera Zhang
Friday, 20 November 4:30 pm-6:10 pm	❖ <u>ALRT2088</u> A Compatibility Analysis of Critical Sustainable Factors for Implementing Industrial Revolution 4.0 in Malaysian Seaport Industry <i>Nurul Haqimin Mohd Salleh, Mahendrran Selvaduray*, Jagan Jeevan, Abdul Hafaz Ngah, Suhaiza Hanim Mohamad Zailani</i>	❖ <u>ALRT2001</u> Exploring the Potential of Dry Ports on the Regional Development <i>Jagan Jeevan, Raden Aswin Rahadi, Chen Shui Ling, Nurul Haimin Mohd Salleh, Masha Nur Salsabiela Menhat, Izyan Munirah Mohd Zaideen*</i>	❖ <u>ALRT2050</u> Humanitarian Logistics, Modal Choice and Logistics Service Quality Interlink <i>Petr Kolar*, Günter Prockl, Hans-Joachim Schramm</i>
	❖ <u>ALRT2028</u> Modelling the effect of port-centric logistics cluster on inter-firm competition <i>Amanpreet Singh*, Prem Chhetri, Rajiv Padhaye</i>	❖ <u>ALRT2039</u> Challenges and opportunities of digitization on container shipping industry in supply chain perspective <i>Sheena Sonnia Yee, Nur Zainal, Peter Dzakah Fanam*</i>	❖ <u>ALRT2072</u> Enhancing the Involvement of Malaysian Small and Medium Sizes Enterprises (SMEs) in Fourth Party Logistics (4PL) towards Achieving Global Business Competencies <i>Muhamad Norsafizat Kamarulzaman*, Nurul Haqimin Mohd Salleh</i>
	❖ <u>ALRT2062</u> Transport systems climate change adaptation readiness <i>Sheila Namagembe*, Juliet Namukasa, Nakayima Faridah, Nantumbwe Shamim, Kalubanga Mathew</i>	❖ <u>ALRT2066</u> How would Maritime Knowledge Clusters Impact Maritime Firms' Performance? <i>Yusheng Zhou*, Kum Fai Yuen, Beverly Tan, Vinh Thai</i>	❖ <u>ALRT2083</u> Evaluating the Connectivity of Regional Logistics Nodes along the Belt and Road in China Based on Entropy-weighted Gravity Model <i>Hongrui TAN*, Jiaqi YANG</i>
	❖ <u>ALRT2047</u> A Research on the Potential Adoption of Autonomous Ship <i>Rhapyalyani Herno Della*, Taih-Cherng Lirn, Kuo-Chung Shang, Ashari Fitra Rachmannullah</i>	❖ <u>ALRT2090</u> Evaluating cybersecurity in the maritime industry <i>Chia-Hsun Chang*, Wei Zhang, Wenming Shi, Changki Park</i>	❖ <u>ALRT2089</u> Enablers of Logistics cluster benefits: An Australian case study <i>Shanta Hallock*, Vinh Thai, Konrad Peszynski</i>
	6:10 pm-6:20 pm	Break	

Conference Organiser's Welcome Message



Conference Chair of ALRT2020

Associate Professor Peggy Shu-Ling Chen

Department of Maritime and Logistics Management, National Centre for Ports & Shipping, Australian Maritime College, University of Tasmania, Australia

On behalf of the Organising Committee of the Asian Logistics Round Table (ALRT) 2020 Conference, we welcome all participants, ALRT founding members, and industry to Launceston, Tasmania, Australia virtually.

In 2007, the ALRT was launched aiming at promoting an academic and research collaboration network with the industry to discuss the problems, challenges and opportunities faced by the logistics industry. Regular international conferences associated with the ALRT provide such a platform to achieve the aim. A total of nine international conferences associated have been held by founding member universities in various countries. It is the great pleasure of the Australian Maritime College, University of Tasmania to host the 10th ALRT Conference in 2020.

The ALRT2020 Conference theme is “***Smart Global Logistics and Resilient Supply Chains***”. Global logistics and supply chains have faced challenges arising from trade wars, technology development, talent crisis, environmental issues, climate change, and increased fuel costs. The logistics industry needs to address the challenges through a smart approach by developing innovative business models to improve business process and management to enhance resilient supply chains. The Conference aims to provide an opportunity for academics, practitioners, and policy makers to exchange their valuable ideas, novel research, and managerial experiences in the areas of logistics and supply chains.

We appreciate more than 150 authors' joint submissions from 16 countries/regions. We also express our appreciation for the support from *International Journal of Logistics Management*, *Maritime Policy & Management*, *Maritime Business Review*, *Journal of Shipping and Trade*, and *Logistics* that have arranged special issues for the Conference.

While we were expecting that participants could visit the beautiful island Tasmania through the event, travel restriction due to COVID-19 has made it impossible. Fortunately, with all the efforts, we are able to organise the Conference online. We would like to express our deep appreciation to the Australian Maritime College and University of Tasmania for the support. We hope you enjoy the online Conference!

Welcome Message from National Centre for Ports & Shipping



Centre Director

Associate Professor Prashant Bhaskar

National Centre for Ports & Shipping,
Australian Maritime College, University of
Tasmania, Australia

Dear Friends and Colleagues,

A very warm welcome to the ALRT 2020 Conference from the National Centre for Ports & Shipping.

The organising committee of the Conference has been planning for more than one year to host you at the friendly and picturesque city of Launceston in Tasmania. While travel restrictions have made face-to-face networking difficult, we are nevertheless delighted that you are able to join your colleagues in online sessions.

The ALRT 2020 Conference includes an eclectic collection of almost sixty papers written by scholars, as well as key-note speeches from industry experts. The disruptions to trade, supply chains and logistics in 2020 make it imperative that we come together to share knowledge and ideas that can help solve some wicked problems of our time. We hope that this Conference makes a significant contribution to advancing our knowledge and understanding of resilient and smart logistics and supply chains.

This Conference has been made possible by the efforts of many people – the Conference International Scientific Committee, the Local Organising Committee, the guest editors of associated journal special issues, and the many anonymous referees. A special note of appreciation for the Conference Chair Associate Professor Peggy Shu-Ling Chen, Conference Co-organiser Professor Prem Chhetri and ALRT Secretary Professor Paul Tae-Woo Lee. Last, but not least, a special mention must be made of the tremendous contribution made by the Conference Secretary Dr Wenming (Wendy) Shi who has worked behind the scenes tirelessly for more than a year to bring us to this stage.

Thank you for attending this Conference as we explore novel ideas and research in logistics and supply chains.

Keynote Speakers



Brett Charlton

**General Manager, Agility Logistics/Chair of
Tasmanian Logistics Committee**

Mr. Charlton has been involved in international logistics for over 30 years. He is currently the General Manager of Tasmania at Agility, Chairman of the Tasmanian Logistics Committee, National Board Member of the Australia China Business Council, and a Board Member of the Tasmanian Agricultural Producers Group. Mr. Charlton has experience with ports, shipping lines, logistics consulting and freight forwarding and is a regular commentator on freight trends and issues in local and national industry media.

Mr. Charlton has been a regular supporter of the need to engage academia and industry and is a regular guest lecturer at the Australian Maritime College. Further, through Agility Logistics, an annual award for excellence in logistics and maritime management studies is awarded to a student at the Australian Maritime College and has recently passed the ten-year anniversary.

Mr. Charlton has a unique view of shipping and logistics trends as his involvement in the movement of goods around the planet for a diverse range of industries provides an unbiased understanding of challenges and opportunities in many aspects of the supply chain.



Peter Creeden

**Managing Director of MPC International
Pty Ltd**

Peter Creeden is a well-respected international supply chain executive with over 30 years' experience covering supply chain, shipping, and global IT and corporate management. Peter is the Managing Director of MPC International Pty Ltd, an advisory firm providing support and insights to supply chain industry.

He served as a senior executive for more than 20 years at Hamburg Süd. Peter has used his insights and expertise to help a variety of businesses understand the digital landscape and manage their business more effectively. His clients have ranged from growing start-ups, through to medium and large international companies.

He is also a founding partner of the Future Ports 2050 project at Macquarie University's Centre of Workforce Futures (CWF) and is the Chairman of the industry Advisory Group at the CWF. Peter is also a non-executive board member of The Mizzen Group, a digital company focused on container freight sales and rate management. He is also a graduate of Texas Maritime Academy (Texas A&M University at Galveston) with BSc in Maritime Administration.



Stephen Cahoon

Director Sense-T, University of Tasmania

Associate Professor Stephen Cahoon is the Director of Sense-T at the University of Tasmania in which he has managed \$30 million of innovative and cutting edge research projects that utilise data analytics and sensor technology to provide solutions for companies across multiple industries.

Previous to this role he was the inaugural Director of the Sense-T NICTA Logistics Lab that attracted research funding to undertake technology driven projects for transport, freight and logistics providers. Stephen was also the Head of the Department of Maritime and Logistics Management for seven years at the Australian Maritime College (UTAS) where he led a team of 13 academics in developing three undergraduate degrees and an MBA postgraduate program in a hybridised on-campus and distance learning format.

Stephen is also Associate Editor of the Asian Journal of Shipping and Logistics as well as the Journal of Engineering for the Maritime Environment, and Editorial Board Member of the Journal of Marine Science and Technology, Maritime Business Review, and Sustainability journal. He holds a PhD in seaport marketing strategy, a BCom (Hons) in industrial relations and a BBus in human resource management. He currently supervises five PhD candidates at the Australian Maritime College in fields related to supply chain management, transport and logistics, shipping, and port management and has published over 120 papers in these areas.

Committees of ALRT2020 Conference

- **Conference Hosting Institute and Conference Chair**

Associate Professor Peggy Shu-Ling Chen, Australian Maritime College, University of Tasmania, Australia

- **Conference Co-chair:**

Associate Professor Prashant Bhaskar, Australian Maritime College, University of Tasmania, Australia

- **Conference Secretary**

Dr Wenming (Wendy) Shi, Australian Maritime College, University of Tasmania, Australia

- **Conference Co-organiser**

Professor Prem Chhetri, Global Logistics and Transport Research Group, RMIT University, Australia

- **ALRT Secretary**

Professor Paul Tae-Woo Lee, Maritime Logistics and Free Trade Islands Research Centre, Ocean College, Zhejiang University, China

Conference International Scientific Committee

- Young-Tae Chang, Korea Maritime Institute/Inha University, South Korea
- Chia-Hsun Chang, Liverpool John Moores University, United Kingdom
- Kevin Cullinane, University of Gothenburg, Sweden
- Okan Duru, Nanyang Technological University, Singapore
- Xiaowen Fu, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Ying-en Ge, Shanghai Maritime University, China
- Benjamin Hayward, Monash University, Australia
- Kai-Chieh Hu, Soochow University, Taiwan.
- Jagan Jeevan, University Malaysia Terengganu, Malaysia
- Petr Kolář, University of Economics, Prague
- Kee-hung (Mike) Lai, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Po-Lin Lai, Chung-Ang University, South Korea
- Jasmine Siu Lee Lam, Nanyang Technological University, Singapore
- Ki-Hoon Lee, Griffith University, Australia
- Paul Tae-Woo Lee, Zhejiang University, China
- Eon-Seong Lee, Pusan National University, South Korea
- Kevin X. Li, Zhejiang University, China
- Taih-Cherng Lirn, National Taiwan Ocean University, Taiwan
- Chin-San Lu, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Meifeng Luo, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Qiang Meng, National University of Singapore, Singapore
- Jason Monios, Kedge Business School, Marseille, France

- Adolf Ng, University of Manitoba, Canada
- ManWo Ng, Old Dominion University, USA
- Athanasios Pallis, University of the Aegean, Greece
- Stephen Pettit, Cardiff University, United Kingdom
- Kuo-Chung Shang, National Taiwan Ocean University, Taiwan
- Namali Sirisoma, General Sir John Kotelawala Defence University, Sri Lanka
- Kamonchanok Suthiwarnarueput, Chulalongkorn University, Thailand
- Shuaian Wang, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Yong Wu, Griffith University, Australia
- Zhongzhen Yang, Ningbo University, China
- Dong Yang, The Hong Kong Polytechnic University, Hong Kong SAR, China
- Zaili Yang, Liverpool John Moores University, United Kingdom
- Kum Fai Yuen, Nanyang Technological University, Singapore
- Qingcheng Zeng, Dalian Maritime University, China
- Enna Hirata, Center of Mathematical and Data Sciences, Kobe University, Japan

Local Organising Committee

- Allison James, Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
- Bill Du, Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
- Hadi Rezaei Vandchali, Associate Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
- Johnny Fei, Associate Professor, Maritime and Logistics Management, AMC, University of Tasmania
- Nataliya Nikolova, Professor, Maritime and Logistics Management, AMC, University of Tasmania
- Hong-Oanh Nguyen, Associate Professor, Maritime and Logistics Management, AMC, University of Tasmania
- Peter Fanam, Associate Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
- Poomintr Sooksripaisarnkit, Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
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- Vera Zhang, Lecturer, Maritime and Logistics Management, AMC, University of Tasmania
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