

Time	‘Highlights and Headlines’ Theatre		‘Bridging the Gap’ Theatre		‘Beneath the Surface’ Theatre	
	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2
09:00 – 09:30	Arrival & Registration					
09:30 – 10:00	Opening Address					
10:00 – 10:30	Keynote: Ruth Wood, Mersey Maritime	Keynote: Prof Sarah Sharples, Department for Transport				
10:30 – 11:20	Session 1 – Future Fuels *Kerry Mullen, Hynamics *Dr Thomas Beard, BMT *Paul Davies, Lloyds Register	Session 1 – Ports *Prof Trung Thanh Nguyen, Liverpool John Moores (LJMU) *Shaun McKenna, Peel Ports *Kirsty Gouck, Connected Places Catapult	Session 1 – Vessel Design & Efficiency *Dr David Hitchmough, LJMU *Dr Tom Smith, UCL	Session 1 – Finance & Economics *Prof Ioannis Kyriakou, City St Georges University of London *Dr Yao Shi, City St Georges University of London	Session 1 – Power & Propulsion *Dr Dibyendu Roy, Durham University *Chris Poyner, ABB	Session 1 – Digitalisation, Operations & Logistics *Prof Ying Xie, Cranfield University *Dr Cagatay Iris, Liverpool University
11:20 – 11:50	Break					
11:50 – 12:40	Session 2 – Power & Propulsion *Ben Pollock, Mott Macdonald *Sangram Nanda, Wärtsilä *Martin Olverson, NatPower Marine	Session 2 – Smart Shipping & Operations *Prof Alice Larkin, Manchester University *Tuur Killaars, Foreship *Matthew Napleton, Zizo	Session 2 – Future Fuels & Safety *Dr Alex Gander, Sussex University *Dr Sergii Kashkarov, Ulster University	Session 2 – Ports *Dr Sean Loughney, LJMU *Dr Szymon Szatkowski, Edinburgh Napier University	Session 2 – Vessel Design & Efficiency *Prof Zhiqiang Hu, Newcastle University *Capt. Simon Merritt, Carisbrooke Shipping	Session 2 – Finance & Economics *Dr Ioannis Moutzouris, City St Georges University *Matt Wilson, Navigator Terminals
12:40 – 13:10	Interactive Networking Opportunities					
13:10 – 14:00	Lunch					
14:00 – 14:30	Keynote: Francesco Sandrelli, UK Chamber of Shipping	Keynote: Tony Linden, DNV				
14:30 – 15:20	Session 3 – Vessel Design & Efficiency *Inguna Strazdina, NTNU *David Wing, Houlder Ltd *Keith Hutchinson, Safinah Ltd	Session 3 – Finance, Insurance & Law *Dr Pia Rebello, City St Georges University of London *Helen Barden, North Standard *Andrew Southwood, Siemens Financials	Session 3 – Power & Propulsion *Dr Liang Yang, Cranfield University *Dr Arijit De, Manchester University	Session 3 – Digitalisation, Autonomy & Transportation *Dr Amin Nazemian, Strathclyde University *Dr Asefe Forghani, Cranfield University	Session 3 – Future Fuels *Prof Alasdair Cairns, Nottingham University *David Browbank, Brookes Bell	Session 3 – Ports *Prof Dongping Song, Liverpool University *Steven Wilson, Freeport East
15:20 – 15:50	Break					
15:50 – 16:15	Interactive Networking Opportunities					
16:15 – 16:30	Closing Remarks					
16:30	End					

Session Chairs and Presentations

Please find below the presentations across both days of the Clean Maritime Assembly 2025.

A big shout out to our Session Chairs! We are very grateful for their support.

Day 1	Day 2
Keynotes	Keynotes
1. Ruth Wood, Mersey Maritime: <i>“Mersey Maritime - The role of a maritime cluster”</i> 2. Francesco Sandrelli, UK Chamber of Shipping: <i>“IMO Net Zero Framework – Examples and Best Practice”</i>	1. Prof Sarah Sharples: <i>“Clean Maritime Innovation – A Pathway to Impact”</i> 2. Tony Linden, DNV: <i>“The Maritime Energy Transition and the Importance of Ports Infrastructure”</i>
Highlights and Headlines Programme	Highlights and Headlines Programme
<p>Session 1 – Future Fuels & Safety: Chaired by Prof Rachael Rothman, University of Sheffield</p> 1. Kerry Mullen, Hynamics: <i>“Producer and distributor of low-carbon and renewable hydrogen”</i> 2. Dr Thomas Beard, BMT: <i>“Alternative Fuel Shoreside Infrastructure: Challenges and Opportunities”</i> 3. Dr Paul Davies, Lloyds Register: <i>“Safety Challenges, Alternative Fuels”</i>	<p>Session 1 – Ports: Chaired by Prof Sarah Sharples, Department for Transport</p> 1. Prof Trung Thanh Nguyen, LJMU: <i>“Efficiency optimisation to make port operations greener”</i> 2. Shaun McKenna, Peel Ports: <i>“Our Sustainability & Decarbonisation Journey; Culture & Performance”</i> 3. Kirsty Gouck, Connected Places Catapult: <i>“Enabling Net Zero Ports”</i>
<p>Session 2 – Power & Propulsion: Chaired by Dr Angad Panesar, Brighton University</p> 1. Ben Pollock, Mott MacDonald: <i>“Shore Power: Challenge and Opportunities”</i> 2. Sangram Nanda, Wärtsilä: <i>“Innovating Maritime Sustainability: Designing a Fuel-Flexible Vessel and Engine”</i> 3. Martin Olverson, NatPower Marine: <i>“Plotting a course to cleaner shipping”</i>	<p>Session 2 – Smart Shipping & Operations: Chaired by Prof Ying Xie, Cranfield University</p> 1. Prof Alice Larkin, University of Manchester: <i>“Decarbonising shipping: the case for focusing on the existing system”</i> 2. Tuur Killaars, Foreship: <i>“Smart operations, a net zero enabler”</i> 3. Matthew Napleton, Zizo: <i>“How Does Data & Digitalisation Drive Decarbonisation?”</i>
<p>Session 3 – Vessel Design & Efficiency: Chaired by Dr Janie Ling-Chin, Durham University</p> 1. Dr Inguna Strazdina, NTNU: <i>“Innovating Ocean Operations and Coastal Infrastructure for a Clean Maritime Future”</i> 2. David Wing, Houlder Ltd: <i>“Connecting Ship Design and Operation”</i> 3. Keith Hutchinson, Safinah Ltd: <i>“Holistic ship design and realisation for operational efficiency and sustainability over the life cycle”</i>	<p>Session 3 – Finance, Insurance & Law: Chaired by Dr Claire Copeland, Durham University</p> 1. Dr Pia Rebello, City St Georges, University of London: <i>“Legal Aspects of Decarbonising City”</i> 2. Helen Barden, North Standard: <i>“Maritime Decarbonisation – the insurer’s perspective”</i> 3. Andrew Southwood, Siemens Financial Services: <i>“Financing the transition”</i>
Beneath the Surface Programme	Beneath the Surface Programme
<p>Session 1 – Power & Propulsion: Chaired by Dr Dawei Wu, University of Birmingham</p> 1. Dr Dibyendu Roy, Durham University: <i>“Integrated Power & Carbon Capture”</i> 2. Chris Poyner, ABB: <i>“ABB Power and Propulsion”</i>	<p>Session 1 – Digitalisation, Operational Considerations & Logistics: Chaired by Prof Dongping Song, University of Liverpool</p> 1. Prof Ying Xie, Cranfield University: <i>“Using AI to Improve the Efficiency of Port Operations”</i> 2. Dr Çağatay Iris, University of Liverpool: <i>“Integrated Energy and Operations Management in Port Microgrids”</i>

<p>Session 2 – Vessel Design & Efficiency: Chaired by Prof Andrew Smallbone, Durham University</p> <ol style="list-style-type: none"> 1. Prof Zhiqiang Hu, Newcastle University: <i>“Vessel Design, Efficiency and Innovation in Action”</i> 2. Captain Simon Merritt, Carisbrooke Shipping: <i>“Carisbrooke Shipping Innovation”</i> <p>Session 3 – Future Fuels: Chaired by Dr Jean-Baptiste Soupeze, Aston University</p> <ol style="list-style-type: none"> 1. Prof Alasdair Cairns, University of Nottingham: <i>“On-board Ammonia Cracking: Enabling Technology for Deep Decarbonisation of Maritime”</i> 2. David Browbank, Brookes Bell: <i>“Marine Fuels: past, present and future”</i> 	<p>Session 2 – Finance & Economics: Chaired by Dr Richard Williams, Durham University</p> <ol style="list-style-type: none"> 1. Dr Ioannis Moutzouris, City St Georges, University of London: <i>“Interplay Between Green Investment and Market Prices in Global Shipping”</i> 2. Matt Wilson, Navigator Terminals: <i>“Energising tomorrow”</i> <p>Session 3 – Ports: Chaired by Prof Richard Lord, Teesside University</p> <ol style="list-style-type: none"> 1. Prof Dongping Song, University of Liverpool: <i>“Port Decarbonisation”</i> 2. Steven Wilson, Freeport East: <i>“Freeport East’s role in supporting Clean Maritime”</i>
Bridging the Gap Programme	Bridging the Gap Programme
<p>Session 1 – Vessel Design & Efficiency: Chaired by Dr Mengda Wu, University of Birmingham</p> <ol style="list-style-type: none"> 1. Dr David Hitchmough, Liverpool John Moores University: <i>“LJMU’s Research into Maritime Decarbonisation Technologies”</i> 2. Dr Tom Smith, University College London: <i>“Numerical Modelling of Air Layer Drag Reduction”</i> <p>Session 2 - Future Fuels & Safety: Chaired by Dr Mengda Wu, University of Birmingham</p> <ol style="list-style-type: none"> 1. Dr Alex Gander, University of Sussex: <i>“H₂ fuel cell optimization and diagnosis through real-time cloud-based algorithms”</i> 2. Dr Sergii Kashkarov, Ulster University: <i>“Marine fuel storage, safety operation and handling”</i> <p>Session 3 – Power & Propulsion: Chaired by Dr Mohamad Tamam, Brighton University</p> <ol style="list-style-type: none"> 1. Dr Liang Yang, Cranfield University: <i>“Wave Propulsion for Maritime Transport”</i> 2. Dr Arijit De, University of Manchester: <i>“Voyage Planning for Vessels Using Alternate Fuels, Battery Electric and Wind Propulsion”</i> 	<p>Session 1 – Finance & Economics of Shipping Decarbonisation: Chaired by Dr Ioannis Moutzouris, City St Georges University of London</p> <ol style="list-style-type: none"> 1. Prof Ioannis Kyriakou, City St Georges, University of London: <i>“Greening the Fleet, Raising the Price? Shipping Decarbonisation and UK Inflation Dynamics”</i> 2. Dr Yao Shi, City St Georges, University of London: <i>“Economics of Shipping Decarbonisation: Carbon, Production, Cost and Allocative Efficiencies”</i> <p>Session 2 – Ports: Chaired by Dr Jonathan Wellings, University of Sheffield</p> <ol style="list-style-type: none"> 1. Dr Sean Loughney, Liverpool John Moores University: <i>“HYDRO-Port: Safety Management and Risk Assessment of liquid hydrogen bunkering and storage in ports”</i> 2. Dr Szymon Szatkowski, Edinburgh Napier University: <i>“The Dolphin - A New Wave Energy Conversion Device for Sustainable Ports”</i> <p>Session 3 – Digitalisation, Autonomy & Transportation: Chaired by Dr Reza Eshtehadi, University of Liverpool</p> <ol style="list-style-type: none"> 1. Amin Nazemian, University of Strathclyde: <i>“Sustainable Waterborne Transportation (SWAT): Enhancing Sustainable Freight Transport Through Swarming of Zero-emission Fleet for UK Waterways”</i> 2. Dr Asefe Forghani, Cranfield University: <i>“Digital Decision-Support Tools for Ferry Port Decarbonisation: Energy-Aware Scheduling with Landside Traffic Simulation”</i>

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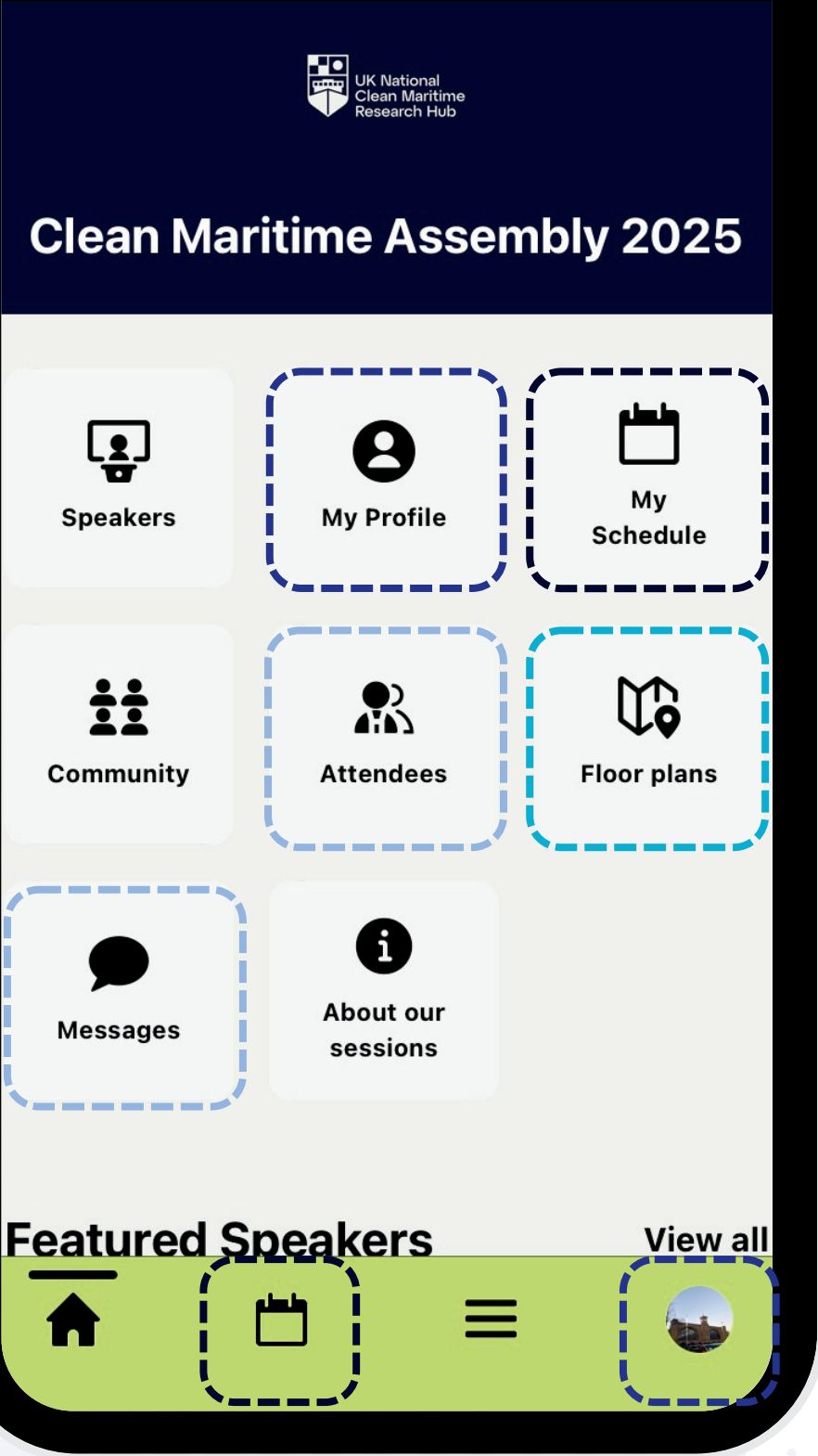
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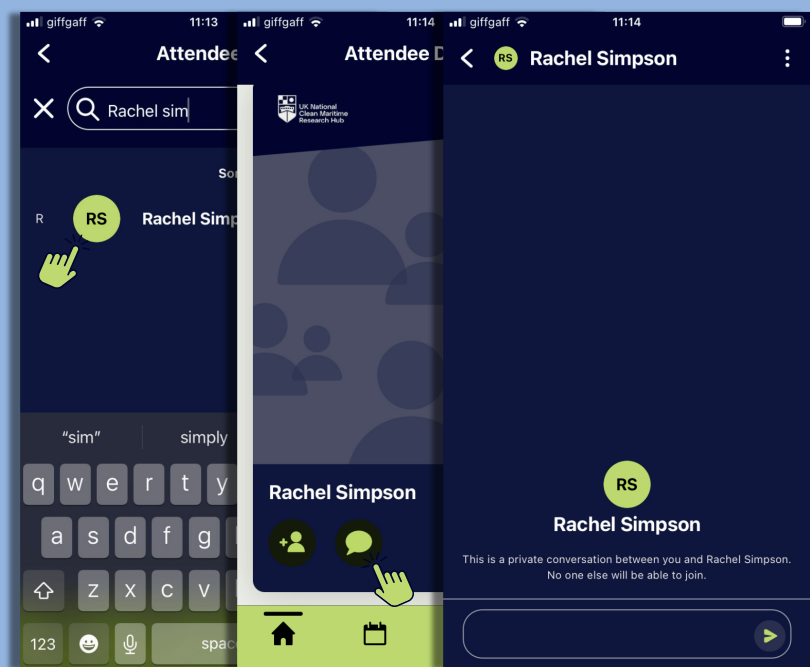
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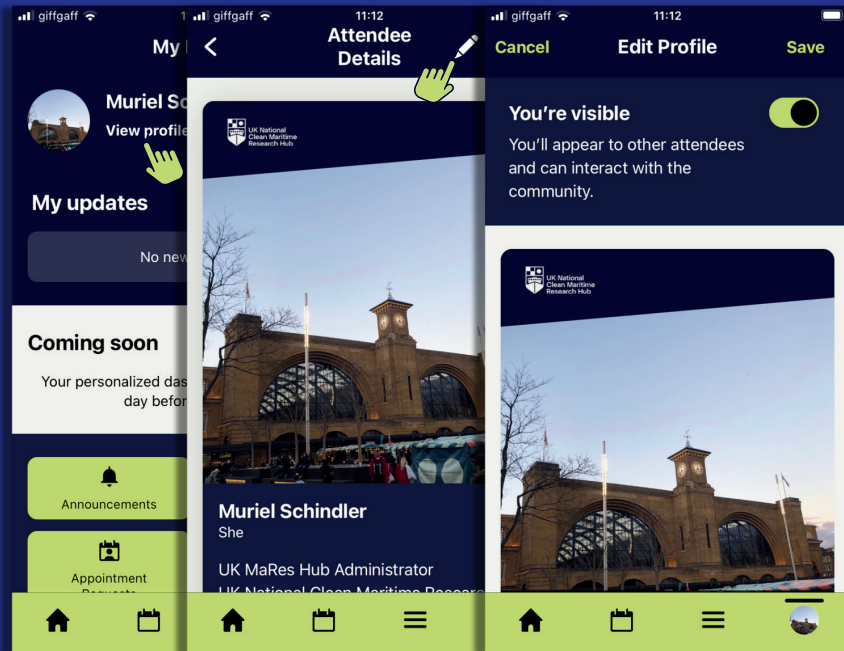
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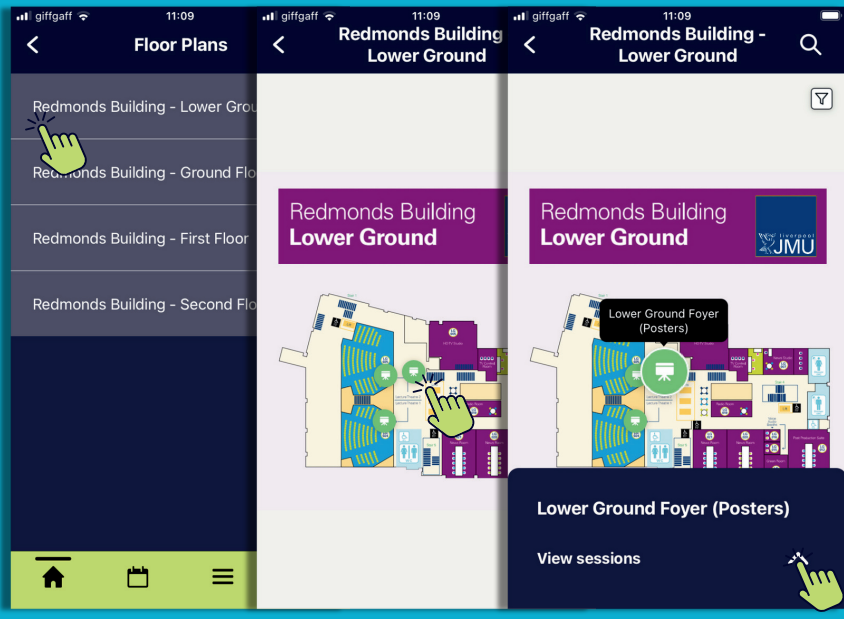
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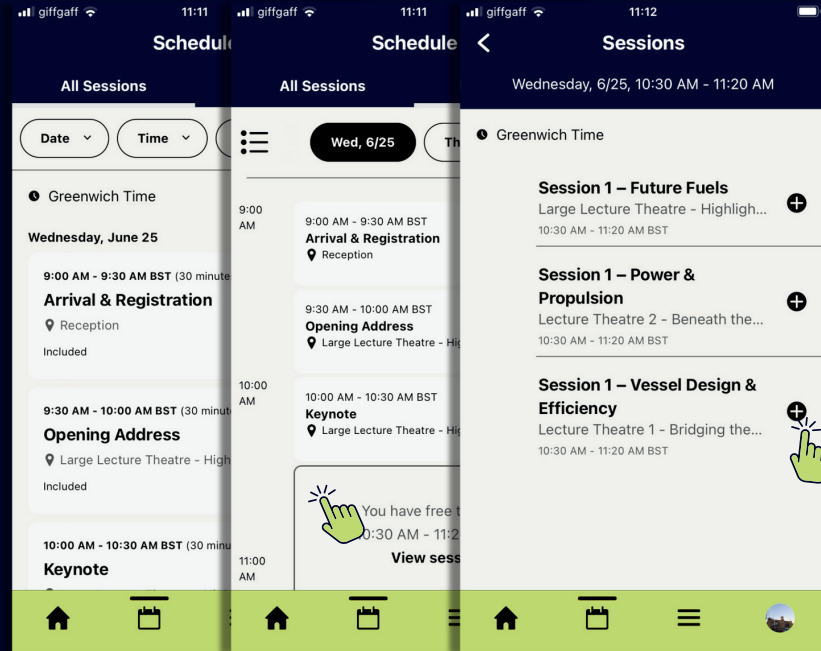
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