

The Royal Institution of Naval Architects Warship 2019: Multi-Role Vessels

Sponsored by:



25-26 June 2019, Bristol, UK

	Tuesday 25 th June	
	Coffee and Registration	09.00-09.25
	Welcome Address, Karl Monk, Technical Director, Royal Institution of Naval Architects, UK	09.25-09.30
	BMT Welcome	09.30-09.35
Sess	KEYNOTE: Capt. Tim Currass and Capt. Jules Lowe, Royal Navy Command Headquarters	09.35-10.10
Session 1: Rachel Pawling, UCL, UK	Allied Maritime Forces Transformation: Towards a Defence Planning Process that Includes Adaptable Warships Richard Logtmeijer, Ministry of Defence, NL David Manley, Ministry of Defence, UK Co-authors from NATO partner AUS and NATO countries CA, GE, IT, NL, UK and USA	10.10-10.45
awling, U	Multi-Role Vessels: Manning, Design & Cost Drivers Daniel Smith, Naval Design Partnering Team, UK	10.45-11.20
CL, (Coffee	11.20-11.50
×	The Multi Role Combatant - Jack of All Trades Master of None? David Andrews, UCL, UK	11.50-12.25
	When is the Adaptable or Multi-Role Ship the Right Answer? Charles Moss, Andy Kimber, BMT, UK	12.25-13.00
	Lunch	13.00-14.00
Session	The Affordable Surface Combatant, the Application of Modularity and Flexibility in Delivering the Future Fleet Malcolm Robb, David Lewis, BAE Systems Maritime, UK Giota Paparistodimou, University of Strathclyde, UK Charles McPartland, Ministry of Defence, UK	14.00-14.35
2: David A	The Importance of Onboard Infrastructure to Enable Future Vessel Enhancements at Build and Through Life Simon Willmore, BMT, UK	14.35-15.10
ndre	Coffee	15.10-15.40
David Andrews, UCL,	The Use of CAD Systems to Manage Modularity in Multi-Role Warships Rodrigo Perez, Erno Peter Cosma, SENER, Spain	15.40-16.10
Ş	Inline-Slot Ejector Diffuser for a Warship to Suppress IR Signatures Lakhvinder Singh, Sidh Nath Singh, Indian Institute of Technology Delhi, India	16.10-16.45



The Royal Institution of Naval Architects Warship 2019: Multi-Role Vessels

Sponsored by:



25-26 June 2019, Bristol, UK

	Wednesday 26 th June	
09.00-09.25	Coffee and Registration	
09.25-10.00	Norway's New Multi-Role Logistics and Support Vessel (LSV) Simon Jones, Alex Aitken, BMT, UK	Session
10.00-10.35	Pushing the Limit: The Role-less Multirole Warship Dr Rachel Pawling, Dr Nick Bradbeer, UCL, UK	on 3: Dar
10.35-11.10	Development of a Twin Stern Ramp Lars for Rapid Response Craft on a Multi-Role Naval Vessel N L Koh, D B Wong, Y M J Tan, B H Chew, T S Gan, Defence Science and Technology Agency, Singapore	Session 3: Daniel Smith, Naval Design Partnering Team, UK
11.10-11.40	Coffee	e aval
11.40-12.15	The Multi-Role Support Ship and Humanitarian Assistance and Disaster Relief Operations Wade Carson, Derek Buxton, VARD Marine Inc., Canada	Design Par
12.15-12.50	The Development of a Modular Multi-Role Vessel for Naval and Coastguard Operations Andrew Humphries, Les Davies, Chris Browning, John Fox-Robinson, Vectis Marine Design Ltd, UK	tnering
12.50-13.50	Lunch	
13.50-14.25	Standardisation of Naval Containerised Modules - Enabling Interoperability across NATO Hayden Cole, Julia Alvarez, Naval Design Partnering, UK	Session 4
14.25-15.00	A Review of UCL MSc Warship Designs Cat Savage, Dr Rachel Pawling, Dr Nick Bradbeer, UCL, UK	: Alex Aitk
15.00-15.35	MissionEase Boat Handling System for Multi-Role Mission Ships Rolf Andreas Wigand, Atle Klave, Vestdavit AS, Norway	Session 4: Alex Aitken, BMT, UK
15.35-	General Discussion & Coffee	>