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2017-09

Warfare Innovation Continuum (WIC)
Workshop Distributed Maritime Operations:
Combined, Joint, and Coalition Warfare at Sea
Event Announcement

Monterey, California: Naval Postgraduate School

<http://hdl.handle.net/10945/58224>

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CRUSER Warfare Innovation Continuum (WIC) Workshop 2017

“Distributed Maritime Operations: Combined, Joint, and Coalition Warfare at Sea”

“How might emerging technologies, joint, combined and coalition forces contribute to distributed maritime and cross-domain operations?”

Details

- **Date:** 18-21 Sept 2017
- **Times:** 0800-1600 M/T/W, 0800-1200 Th
- **Location:** Naval Postgraduate School, Monterey, CA

Description [\(Download WICW-17 Fact Sheet Here\)](#)

Given the design challenge “How might emerging technologies, joint, combined and coalition forces contribute to distributed maritime and cross-domain operations?” small teams of junior officers from NPS and the fleet, and early career engineers from Navy labs, academia and industry will propose technologies and employment concepts in scenario based discussions. Teams will brief their conclusions to sponsors, industry executives, and senior officers on the final morning of the workshop, and these results will be disseminated to fleet commands.

This CRUSER sponsored Warfare Innovation Continuum (WIC) workshop will begin with a day of knowledge leveling briefs, followed by two days of facilitated team concept generation work. The workshop will conclude with a morning of final concept briefs to senior leaders.

Schedule [\(Download PDF here\)](#)

MON – 18 **September**

0800	Registration	<u>GLASGOW 102</u>
0830	CRUSER Overview	Dr. Ray Buettner, NPS CRUSER Director
0845	NPS Warfare Innovation Continuum & Scenario	CAPT Jeff Kline USN (ret), NPS Chair of Systems Engineering Analysis (SEA)
0915	Distributed Maritime Operations	CDR Jason Canfield USN, NWDC
0940	Future Fleet Design	CDR Erik Cyre USN, OPNAV N501 Future Fleet Design & Architecture
1005	Autonomous Data Collection	Dr. Lori Adornato, DARPA

1030	BREAK	
1040	MDUSV	Mr. David Trask, NPS Professor of the Practice for MASINT Studies
1105	Maritime Dark Networks	Dr./CAPT Wayne Porter USN (ret), NPS Littoral Operations Center Director
1130	Partner Nation Perspective	CMDR Scott Craig, Royal Australian Navy
1150	Team Introductions	Ms. Lyla Englehorn, NPS CRUSER Associate Director
1200	LUNCH	
1300	Welcome	VADM Ronald Route USN (ret), NPS President
1310	Implementing Concepts: an industrial technical example	Mr. Aaron Kline, Caterpillar International
1345	Rapid Prototyping & Testing	Mr. Jamie Hyneman, M5 Industries
1445	Tasking	CAPT Jeff Kline USN (ret), NPS SEA Chair
1515	Initial Team Meetings	BREAKOUT ROOMS
1600	Icebreaker	TRIDENT ROOM

**TUES – 19
September**

0800	Welcome	Dr. Ray Buettner, NPS CRUSER Director
0810	Keynote Address	Brigadier General Frank Kelley USMC (ret), DASN Unmanned
0900	Process	Ms. Lyla Englehorn, NPS CRUSER Associate Director
0930	Discovery Interviews – Mentors	BREAKOUT ROOMS – Mentors meet in Glasgow Courtyard
1100	Concept Generation – Divergent	BREAKOUT ROOMS
1200	LUNCH	
1300	DASN Panel on Issues in Autonomy – Mentors	GLASGOW 102
	Executive Time – Mentors	

1430	Concept Generation – Divergent to Convergent	BREAKOUT ROOMS
<u>WED – 20</u> <u>September</u>		<u>GLASGOW 102</u>
0800	Welcome	Mr. Carl Oros, NPS CRUSER Associate Director
0810	Issues in Autonomy	CAPT George Galdorisi USN (ret), SSC-PAC
0835	Asset Integration	CAPT Karl Hasslinger, USN (Ret.), General Dynamics Electric Boat
0900	Ideas Into Reality	Mr. William Glenney, Institute for Future Warfare Studies
0930	Concept Generation – Convergent	BREAKOUT ROOMS
1000	MBARI Tour – <i>Mentors</i>	<i>van departs for Moss Landing @0930</i>
1030	Directors & Chairs Rotation	BREAKOUT ROOMS
1200	LUNCH	
1300	Concept Development – Final Push	BREAKOUT ROOMS
1330	NPS Lab Tour – <i>Mentors</i>	<i>Guided tour leaves from Starbucks</i>
<u>THUR – 21</u> <u>September</u>		<u>GLASGOW 102</u>
0800	Team Photos & Evaluation	
0830	Final Briefs	
1200	ADJOURN	

To Participate

This workshop is open to all NPS students – *all curriculums, all services*, DoD personnel from other commands and labs, and vetted CRUSER members from academia and industry. **Concept Generation Teams for the 2017 workshop are FULL**, but the workshop is still open to all CRUSER members who would like to attend as observers. Please register here: <https://survey.nps.edu/811134/lang-en>. Registration is **FREE** but **REQUIRED**.

Contact

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