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CRUSER (Consortium for Robotics and Unmanned Systems Education and Research)

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Warfare Innovation Continuum (WIC) Workshop 2019

Monterey, California: Naval Postgraduate School

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Warfare Innovation Continuum (WIC) Workshop 2019

Logistics in Contested Environments: *the impact of Robotics and Autonomy on logistics in the future battlespace*

23-26 September 2019, Naval Postgraduate School

This CRUSER sponsored Warfare Innovation Continuum (WIC) Workshop is scheduled for 23-26 September 2019 as a Naval Postgraduate School Thesis & Research Week activity *to apply emerging technologies to shape the way we fight.*

REGISTER *to participate as a Mentor, Observer, or to apply for a spot on a Concept Generation Team*

Background: Starting in 2009, the NPS warfare innovation workshops have addressed self-propelled semi-submersibles, maritime irregular challenges, undersea weapons concepts and unmanned systems concepts generation. Participants in these workshops are junior officers from NPS, the fleet, and other DoD commands; and early career engineers from Navy laboratories, academia and industry.

Workshop: Given the design challenge *“How might emerging technologies support logistics in contested environments?”* 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 best concepts to sponsors, industry executives, and senior officers on the final morning of the workshop, and these results will be disseminated to fleet commands.

Selected concepts will begin CRUSER’s next Innovation Thread, and members of the CRUSER community of interest will be invited to further develop these concepts in response to the FY20 Call for Proposals. NPS students participating in a Directed Study “Concept Generation and Prototyping for the Warfighter” will prototype and test concepts of interest throughout the academic year for credit, and will present their findings at TechCon 2020. Technical members of the CRUSER community of interest will also propose aligned project work to develop and test concepts of interest in lab or field environments. A final report detailing workshop process and outcomes will be released before the end of the 2019 calendar year to a vetted distribution list of leadership and community of interest.