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2016_03 RoboEdu

RoboEdu Design Challenge

Robotics curriculum development across the Naval Training & Education Enterprise

Details

- **Date:** 22 March 2016
- **Time:** 1300-1500
- **Location:** Glasgow 109, Naval Postgraduate School, Monterey, CA

[Fact Sheet](#)

Contact

[Ms Lyla Englehorn](#), CRUSER Associate Director

Description

The purpose of this inaugural RoboEdu design challenge is to solicit Navy-Marine Corps fleet feedback for the SECNAV essential to informing the development of robotics and autonomous systems (AS) education and training for future Naval officers.

CRUSER was established in 2011 by the Secretary of the Navy to shape generations of naval officers through education, research, concept generation and experimentation in maritime application of robotics, automation, and AS. RoboEdu is one part of a continuing education series intended to specifically address the SECNAV's robotics and unmanned systems educational intent by actively engaging fleet education and training stakeholders to inform future graduate as well as undergraduate curricula and training. Robotics education and implications of AS development and employment extend beyond the traditional Naval science and engineering schools (i.e. US Naval Academy (USNA), NPS). Just as CYBER has been incorporated into the Naval service's technical as well as professional military education (PME) (i.e. Naval War College (NWC), Marine Corps University (MCU)), the military evolution of robotics and AS dictates a similar focus. RoboEdu-2016 is intended to initiate the discussion and build momentum for future educational forums and conversations around this rapidly emerging topic.

Through a series of activities over a period of eight months RoboEdu will challenge participants to draft the design of future robotics and autonomous systems education offerings within the Navy – Marine Corps Training and Education community. RoboEdu will elicit fleet stakeholder feedback using a design process, that will immerse participants in current curriculum offerings and training opportunities available to warfighters; and then task teams to explore the problem space, scope the challenge, identify opportunities, and finally present their recommendations to leadership.

