

## OCTOBER 2020 NEWS



### Spotlight on Artificial Intelligence

Artificial intelligence (AI) is changing the future of warfighting and the Naval Postgraduate School is at the forefront. Last month, at the Joint Artificial Intelligence Center (JAIC) symposium, Secretary of Defense Mark Esper spoke about the evolving nature of great power competition and the importance of implementing new technology in national defense. [Read more](#).

Started in 2019, The AI Group at NPS is leading the way in research focused on applications of artificial intelligence. The seminar course "Harnessing Artificial Intelligence" featured a series of 20 lectures providing a foundational knowledge in what is positioned to be one of the most impactful technologies of the century. [View the lectures](#).

The Sea Land Air Military Research (SLAMR) Initiative facility will allow researchers to experiment with robotics in multi-domain environments, specifically, sea, land, air, space and cyberspace. SLAMR will enable the rapid exploration of emerging commercial technologies related to AI robotics and machine learning. [Learn more](#) at the new SLAMR website.

### The Fourth Industrial Revolution



On October 8th at 3pm PST (6 pm EST), the NPS Alumni Association and Foundation will be hosting an event focused on “The Fourth Industrial Revolution: Industrial Base 4.0”. LtGen (Ret)

Michael Dana with Xerox Chief Technology Officer, Naresh Shanker will be discussing the manufacturing eco-system and supply chain challenges. The emerging fourth industrial revolution cuts across the physical, the biological, and the digital worlds in ways we are just beginning to grasp. Next generation manufacturing supported by autonomous systems, new materials and 3D printing will transform supply chains and create new opportunities for service at the edge.

[Register](#)

## **The War for Autonomy: *An Army of None***



On 29 October 2020 at 3 pm Pacific (6 pm Eastern), the NPS Alumni Association and Foundation will host Paul Scharre, author of *Army of None: Autonomous Weapons and the Future of War*, and Dr. Ray Buettner of the Naval Postgraduate School. They will discuss their efforts to understand and develop the advanced capabilities in autonomy to maintain the competitive edge of the United States. This timely conversation will explore how we can drive the adoption of enabling technologies responsibly and leverage the interaction of autonomous systems across the various domains. The operational environment is becoming more complicated as autonomous systems are networked into hyper-enabled swarms that can operate across multiple domains simultaneously. Disturbingly, the United States may not even be in the lead in adopting autonomy.

**Register**



## Summer Graduation

On September 25th, 295 students completed the work at the Naval Postgraduate School and were honored with remarks from Secretary of the Navy Kenneth Braithwaite and NPS leadership. [Read more.](#)

Several graduating students were also featured in the school's graduation video. [Watch the video.](#)

Members of the NPS community also shared their shout-outs to the graduates [here](#).

Small hooding ceremonies were held for two students receiving the PhDs and for two faculty to be recognized as a Distinguished Professors. [Visit the Graduation page](#) to see the videos.

**Correction to Awards:** Last month, the wrong name was listed for The Gary Kildall Award for Computing Innovation. The winner of this award for the Summer Quarter is **Captain Michael Troncoso, USMC**.

### **Paul J. Marto**

NPSAAF is saddened to share the news that former Trustee and Dean of Research at NPS Paul Marto died on June 20, 2020. A graduate of Notre Dame and MIT, he served in the U.S. Navy before joining the Mechanical Engineering Department at NPS. He retired from NPS in 1997 and was an NPSAAF Trustee from until 2004.

## **America's Heroes Charity Golf Tournament**



Registration is now open for the America's Heroes Charity Golf Tournament. Originally scheduled for June, the tournament will be held on Tuesday, December 8, and will benefit the NPS Foundation and eight partner charities that support military members and their families. [Learn more](#).

[Register](#).

Questions? Email our [Special Projects Coordinator](#).

## Online Shopping Supports NPSF



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