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Leslie Taylor, Executive Director of the Naval Air Warfare Center Aircraft Division gave the opening remarks at the Navy Innovation Marketplace.

Feb 7, 2018 – California, MD – Energetics Technology Center, in collaboration with the Navy Technology Transfer Offices from Naval Air Warfare Center Aircraft Division (NAWCAD) and the Indian Head Explosive Ordnance Disposal Technology Division (IHEODTD), hosted the *Navy Innovation Marketplace* which attracted more than 100 entrepreneurs and small businesses to learn about partnership and licensing opportunities. The event was held at the Southern Maryland Higher Education Center.

Navy Licensing Spotlight: Use of Carbon Nanotubes Containing Confined Copper Azide as an Explosive Device

The U.S. Navy wishes to commercialize a patent involving the use of copper azide confined in carbon nanotubes (CNTs) as a primary explosive, resulting in a more environmental-friendly explosive over traditional lead azide and lead styphnate. In addition, the explosive device has the potential for more efficient initiation of the secondary explosives due to the detonation wave propagating along the nanotube channel. This invention can serve the



automotive industry, fireworks manufacturers, aircraft suppliers, cluster micro-ammunitions, and micro-robot mobility. For further information, please contact John Millemaci at 301-645-6637, ext. 709 or john.a.millemaci.ctr@mail.mil.

ONR Funds ETC to Conduct 'Machine Discovery'

The fields of artificial intelligence (AI), Machine Learning (ML) and Deep Learning (DL) are getting a lot of attention in the popular press as applications start to be developed using those technologies, and moving into the marketplace. The Office of Naval Research is funding Energetics Technology Center to conduct 'Machine Discovery' as it applies to the development of new energetic materials. Machine Discovery is about applying a combination of AI, ML and DL to accelerate development of new energetic materials that normally take decades to discover and mature. Teaming with the University of Maryland, College Park in this two-year research program, ETC hopes to uncover new pathways to quicker development of energetic materials, as well as 'discovering' new materials themselves. For more information about machine discovery and invention, please visit our [website](#).

Upcoming Events

Feb 21 *Leveraging External Entrepreneurship to Commercialize Federal Technologies*-Tech Transfer Society of DC Monthly Forum – 12:00-2:00pm in Washington, DC – (FREE)
[Go here](#) to register or for more info.

Feb 28 *TechBUZZ* - Mid-Atlantic Venture Association (MAVA) - 1:00-7:30 pm in Washington, DC
Visit the mava.org/techbuzz [event page](#).

Bonus! TechFire eblast readers will receive \$10 off registration! Use this special code:

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- Click here to [register](#)
- Before entering any payment information, enter the code above in the discount code box and click "Apply"
- Your total will be reduced

Feb 28 *Fostering the Biotech Industry in Montgomery County* – 7:00-9:00pm in Rockville, MD –

(FREE) Click [here](#) for more info.

April 24-26 Visit the ETC booth at the *Federal Laboratory Consortium National Meeting* in Philadelphia, PA - Early bird registration available until March 9th. Visit their [website](#).

April 24 *Stop Fakes Maryland Road Show* -U.S. Patent and Trade Office at Montgomery County Chamber of Commerce, Rockville, MD (time TBD) – Visit their website - <https://www.stopfakes.gov/Roadshows> - for more info.

Contact carey.arun@trade.gov to register or for more information.



Learn more about our
co-working space in White Oak



Explore licensing and other partnerships with
the Army Research Laboratory

For more information email us at techfirenetwork@etcmd.com



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