



Press Release

Friendsville, PA

July 15, 2019

Snake Creek Lasers, LLC, now doing business as Advanced Photonic Sciences (APS), has been notified by the U.S. Navy of the award of two Phase I Small Business Innovation Research (SBIR) programs. The first SBIR program concerns the development of compact radio-frequency to optical-frequency transmitters for airborne military environments, and the second the development of ultra-narrowband miniature diode-pumped solid-state lasers for military and aerospace environments.

APS, a local science and technology driven company founded by Dr. David C. Brown in 2003, maintains offices, manufacturing space, and research and development laboratories in a modern facility in Friendsville, PA, just across the border with Vestal New York. The company has pioneered the development and manufacturing of micro and mini diode-pumped solid-state lasers for diverse applications such as materials handling, medical, and military, and has had a MiniGreen laser successfully operate in an extended plasma physics mission on the International Space Station. APS has also pioneered the development of cryogenic laser technology, holds three world records for the performance of such lasers, and is further developing the technology to develop intense high-average-power femtosecond ultrafast lasers with a myriad of applications.

Dr. Brown, who now serves as the Manager and Chief Technology Officer of the company, stated that the receipt of the two SBIR contracts will enable the company to further extend the performance of their miniature diode-pumped solid-state lasers into the mid-infrared and provide a new critically needed tool to the Navy. The company also plans to further expand its offerings in the near future to include a new CNC Laser Workstation for performing a wide variety of laser materials processing tasks, and a new line of DazzleDrones™ that incorporate high power lasers on small to mid-sized drones for military and law enforcement applications.

For further information regarding APS, please contact our VP of Marketing, Sten Tornegård, at stornegard@apslasers.com, or visit our website at www.apslasers.com.