

For Immediate Release

NP Photonics to Introduce Meteor ROCK Single Frequency Pulsed mJ Fiber Laser at 1550nm

TUCSON, Ariz., January 21, 2019 – NP Photonics, Inc., a leading manufacturer of fiber lasers, fiber amplifiers and specialty optical fiber, today announced that it will introduce a Single Frequency Pulsed mJ Fiber Laser at 1550nm, called the Meteor laser, at Photonics West 2019 from February 2-6, in San Francisco, CA. The Meteor ROCK laser is the first laser source to be launched from the company's new family of pulsed LIDAR products.

The Meteor ROCK laser delivers single frequency pulses with > 1 mJ pulse energy at 10 kHz repetition rate. Operating in the eye-safe wavelength region at 1550nm. "The Meteor ROCK laser is ideal for LIDAR applications and wind monitoring," said Nasser Peyghambarian, CEO of NP Photonics. "Its all-fiber construction makes it highly robust against misalignments and environmental perturbations." This performance is made possible by NP Photonics proprietary high gain per unit length fiber which enables short length amplification of high peak and average power light – which is not possible with conventional silica fibers. The Meteor ROCK represents a breakthrough in single frequency pulsed laser technology that offers users a turnkey, low phase noise, IR source with long engagement range packaged in a compact, reliable housing.

The Photonics West exhibition will be held at the Moscone Center in San Francisco, CA. Attendees can visit NP Photonics, Inc. at booth #138.

About NP Photonics, Inc.

Founded in 1998, NP Photonics, Inc. is a leading manufacturer of fiber lasers, fiber amplifiers and specialty fiber for the sensing, defense, metrology and research markets. The NP Photonics proprietary fiber technology is used across a broad family of products, including narrow line-width, low phase-noise fiber lasers at 1 micron, 1.5 micron and 2 microns; compact, high-gain, pencil fiber amplifiers in the C-band; broadly transparent, ultra-low-loss, mid-IR transport (0.4 to 5 microns) fibers and supercontinuum sources.

NP Photonics continues to grow through technology innovation and strategic partnerships. For more information about NP Photonics, please visit www.npphotonics.com.

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