



NEWS RELEASE

Lumentum Showcases New Technologies and Solutions

2017-01-30

Full Spectrum of Products; Lumentum Thought Leaders at SPIE Photonics West 2017

Milpitas, Calif., and San Francisco, Calif., January 30, 2017 – Lumentum Holdings Inc. (“Lumentum”) will showcase its latest photonics-based products supporting the dynamic 3D sensing, industrial diode laser, and commercial laser markets at [SPIE Photonics West](#) in San Francisco, Calif., from January 31–February 2, 2017 at Moscone Center in the South Hall in booth #1917. Also, Lumentum technologists will cover a broad range of topics; present papers, and chair conference technical sessions.

Conference attendees are invited to see the Lumentum pump laser portfolio including the newly announced high-output power [ST2](#); the Lumentum ultrafast laser [PicoBlade[®]2](#); and, several demonstrations of 3D sensing applications which target the consumer and industrial markets.

Lumentum Pump Lasers

With the addition of the [ST2](#), the Lumentum ST pump laser series now offers 200 watts of output power through a 135 µm core fiber. The ultra-compact and high-brightness ST series is a highly integrated device, which enables power scaling of multi-kW fiber lasers. The ST series leverages a long history of fiber-coupled packages such as the L4, incorporating a highly reliable design in a scalable commercial product. The ST series undergoes rigorous testing for endurance and power stability to withstand prolonged use in manufacturing settings.

Ultrafast Industrial Lasers – PicoBlade 2

Announced at last year's SPIE Photonics West, [PicoBlade 2](#) is now in full production. Customers are leveraging its differentiating features: [FlexBurst™](#), [MegaBurst™](#), [Sync™](#), and [AccuTrig™](#) -- giving the PicoBlade 2 operator extraordinary control on the pulse format, pulse timing, and energy for ultimate throughput.

Lumentum has one of the highest precision, highest reliability, ultrafast industrial laser portfolios in the industry. Lumentum ultrafast industrial lasers are ideal for a wide variety of applications, from micromachining to the life sciences and metrology. Lumentum lasers use proprietary passive, self-starting, semiconductor saturable absorber mirror (SESAM) technology to generate ultra-reliable picosecond or femtosecond pulses.

CORELIGHT™ Series – Kilowatt-Class Fiber Laser Engines

Lumentum highlighted at EuroBLECH in 2016 a next generation high-power fiber series platform - [CORELIGHT](#) YLE. Jointly developed with Amada Holdings Co., Ltd., CORELIGHT YLE is based on industry leading 3 kW modules and will be available in combined versions up to 9 kW later this year. CORELIGHT products are integrated into turn-key fiber laser systems and installed in advanced machine tools for industrial cutting, welding, and material deposition. CORELIGHT beam characteristics enable high-quality and high-speed cutting performance of steel, copper, brass, aluminum, and many other materials. CORELIGHT products meet high-reliability standards critical for high-volume macro-machining industrial environments.

3D Sensing

Lumentum has a wide range of [3D sensing](#) products to enable next-generation capabilities for diverse consumer electronic applications. Lumentum products include one of the industry's most reliable high-power diode laser portfolios including edge-emitters, fiber-coupled devices, and vertical-cavity surface-emitting lasers (VCSELs). With highly reliable products and scalable manufacturing capabilities, Lumentum is well positioned for the growing 3D sensing market.

Thought Leaders Cover Broad Range of Topics; Present Papers, and Chair Sessions

Monday, January 30, 2017

Session 4: Enabling Throughput and Quality Scaling

New Random Trigger-feature for Ultrashort-pulsed Laser Increases Throughput – Dr. Andreas Oehler, Ultrafast Applications Lab Director, Dr. Hubert Ammann, Senior R&D Manager, Marco Benetti, Engineering Development Manager -- 5:00 P.M. to 5:20 P.M.

Tuesday, January 31, 2017

Session 8: Laser Materials and Characterization -- Session Chair -- Bojan Resan -- Senior R&D Manager, Laser Products -- 3:50 P.M. - 5:50 P.M. -- Room 132 (North Exhibit Level)

Wednesday, February 1, 2017

Dynamic Fiber Delivery of 3 W 160 fs Pulses with Photonic Crystal Hollow Core Fiber Patchcord -- Panelist -- Bojan Resan -- Senior R&D Manager, Laser Products -- 9:20 A.M. to 9:40 A.M.

Session 10: Ultrafast Lasers II -- Session Chair -- Bojan Resan -- Senior R&D Manager, Laser Products -- 2:00 P.M. - 3:40 P.M. -- Room 132 (North Exhibit Level)

About Lumentum

Lumentum (NASDAQ: LITE) is a market-leading manufacturer of innovative optical and photonic products enabling optical networking and commercial laser customers worldwide. Lumentum's optical components and subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum's commercial lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in Milpitas, California with R&D, manufacturing, and sales offices worldwide. For more information, visit www.lumentum.com.

Contact

Investors: Chris Coldren, 408-404-0606; investor.relations@lumentum.com

Media: Greg Kaufman, 408-546-4235; media@lumentum.com