

II-VI Incorporated to Showcase Innovations at SPIE Photonics West 2018 and Lead a Keynote Discussion at the Lasers & Photonics Marketplace Seminar

PITTSBURGH, January 26, 2017 (GLOBE NEWSWIRE) – II-VI Incorporated (NASDAQ:IIVI), a global leader in engineered materials for optics, optical systems and optoelectronic devices, today announced that it will present a series of innovations at SPIE Photonics West, Jan. 27-Feb. 1, 2018, in San Francisco, CA, Booth #1230 and at BiOS Expo in Booth #8725, and lead a keynote discussion at the Lasers & Photonics Marketplace Seminar.

II-VI will exhibit a broad portfolio of products and solutions, including semiconductor lasers, laser engines, ultra-fast laser pulsing devices, laser optics and crystals, and precision temperature-controlled subsystems. These products and solutions enable a wide range of applications, including in high-power and micro materials laser processing, in spectroscopy for life sciences, as well as in sensing for automotive and consumer electronics.

New Products & Capabilities:

- **Wide Incidence Angle Mirrors for LiDAR:** II-VI's new mirrors enable reflected laser beams within LiDAR systems to maintain optical powers with a very high degree of uniformity over wide incidence angles ranging from 0 to 85 degrees. The high mirror reflectivity is achieved using proprietary dielectric coating designs that are stable even in extreme operating environments.
- **ISO 13485 Certification of Dallas Site to Design and Manufacture FDA Approved Biomedical Assemblies:** II-VI's new ISO certification at its Dallas site marks the successful implementation of a comprehensive quality management system to support the design and manufacture of medical devices and systems for FDA approved equipment.
- **QOMO Laser Head Series for Biomedical Instruments:** The extremely stable, low noise, optical output power of II-VI's new QOMO laser head series enhances the measurement sensitivity of next generation flow cytometers, enabling greater accuracy and measurement throughput.
- **Ultraviolet Fluorescence Filters for Biomedical Instruments:** II-VI's new UV fluorescence filters feature spectral profiles with high transmission, steep slopes and deep out of band blocking to enable maximum instrument sensitivity.
- **Tristimulus Colorimeter Filters to Measure Display Brightness and Color:** II-VI's new tristimulus colorimeter filters achieve high transmission in the visible wavelength

Press Release

range and deep blocking of near infrared and ultraviolet, to enable very high luminance measurement sensitivity and dynamic range. The filters also closely match, to within 1.2%, the target spectrum defined by the CIE 1931 standard, enabling highly accurate chromaticity measurements.

- **Scan Lenses for Micro Materials Processing:** II-VI combined optics based on zinc sulfide multispectral and fused silica materials to achieve new smaller and lighter scan lenses operating at one micron wavelength, enabling faster micro materials processing with fiber lasers. II-VI also developed a proprietary housing design to seal scan lenses and achieve very high transmission at five micron wavelength, enabling micro materials processing with carbon monoxide (CO) lasers.
- **Freeform Beam Shaping Laser Optics for Fiber and Direct Diode Laser Applications:** II-VI's new industry leading freeform diamond turning capabilities deliver custom high power laser optics with precise surface finish to enable the design of highly differentiated beam shaping optical systems used in advanced laser processing heads.

Lasers & Photonics Marketplace Seminar

Dr. Chuck Mattera, President and CEO of II-VI Incorporated, will join Conard Holton, Editor in Chief of Laser Focus World, for a keynote discussion at the Lasers & Photonics Marketplace Seminar, on Monday January 29, 1:30 -2:20 PM. The conversation will explore Dr. Mattera's views on the market drivers in industrial processing, optical communications, defense, life sciences and compound semiconductors.

About II-VI Incorporated

II-VI Incorporated, a global leader in engineered materials and optoelectronic components, is a vertically integrated manufacturing company that develops innovative products for diversified applications in the industrial, optical communications, military, life sciences, semiconductor equipment, and consumer markets. Headquartered in Saxonburg, Pennsylvania, the Company has research and development, manufacturing, sales, service, and distribution facilities worldwide. The Company produces a wide variety of application-specific photonic and electronic materials and components, and deploys them in various forms, including integrated with advanced software to enable our customers. For more information, please visit us at www.ii-vi.com.

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