

# sneak PREVIEW



## CLEO – San Jose, Calif.

May 15-17

An advanced look at the products, trends and technologies being presented.



**CLEO 2018 Bridges Tech Advancement, Learning The Conference on Lasers and Electro-Optics (CLEO)**, under The Optical Society (OSA) and to be held May 13-18 in San Jose, is a technology playground. It showcases optoelectronics technologies and lasers, in addition to research findings and industry applications.

This year, CLEO will include a celebration of the International Day of Light — May 16 — with special plenary sessions. Those who are not attending CLEO may live stream the sessions online that day. Special symposia

sessions, workshops and short courses cover a gamut of topics within several tracks — Fundamental Science, Science and Innovations, and Applications and Technology.

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sponsor

**HighFinesse**  
Wavelength Meters

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## Featured Exhibitors

### Unrivaled Precision With the WS8

From: **TOPTICA Photonics Inc.**

Updated optics and software specifically adapted to photonic crystal fibers allows the HighFinesse WS8 wavemeter the ability to measure the whole sensor range of 330 – 1180 nm or 630 – 1750 nm at ultra-high wavelength accuracy ( $< 2 \times 10^{-8}$ ). Each device includes an optical multichannel switch which allows the user to simultaneously measure and control several lasers at any wavelength within the sensor range.

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### Rotators, Isolators & Detectors

From: **Electro-Optics Technology Inc.**

EOT manufactures Faraday rotators and optical isolators to protect laser diodes, fiber lasers, and solid-state lasers from back reflections while providing high transmission and excellent beam quality. EOT also stocks a complete line of photodetectors for time domain and frequency response measurements.

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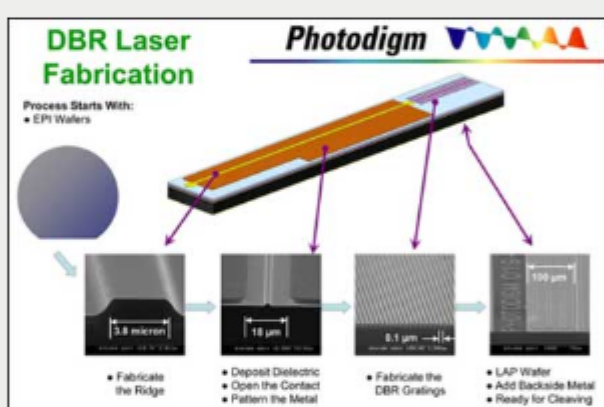
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### DBR Laser Technology

From: **Photodigm Inc.**

DBR lasers, pioneered by Photodigm, bring together single growth epi, precision fabricated gain ridges, and passive gratings to deliver unmatched semiconductor laser performance. Photodigm DBR lasers can deliver short pulses and low noise beams with linewidths below 500 kHz. Modulation rates up to 6.8 GHz and pulse durations of  $< 100$  psec are available. Long coherence length and long-term stability of Photodigm DBR lasers make them important frequency standards, and spectroscopic sources.

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### Your Rhythm. Our Light.

From: **PicoQuant GmbH**

Take full control over your picosecond pulsed lasers with PicoQuant's smart Taiko driver! Able to identify and monitor most laser head parameters, Taiko offers unmatched operational flexibility, including a wide range of repetition rates, burst patterns, continuous wave operation, and external triggering. With its intuitive local and remote user interfaces, operating a laser has never been more enjoyable.

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### kW PowerMax-Pro Sensor

From: **Coherent Inc.**

Kilowatt class power sensor with extended average power handling capability up to 3 kW! The kW PowerMax-Pro combines the dynamic range and laser damage resistance of a thermopile with the response speed of a semiconductor photodiode. With the kW PowerMax-Pro, a kW laser measurement reaches steady state in less than 100 microseconds with no overshoot, providing nearly instantaneous high power measurement.

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### 1919-R High Performance Optical Power Meter

From: **Newport Corporation**

The Newport 1919-R High Performance Optical Power Meter is an advanced power/energy meter capable of measuring from pW to thousands of Watts in an ergonomically designed compact body. It features on-board processing for advanced math and statistics functions, a color screen and a comprehensive menu structure allowing an easy access to key functions.

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## PHOTONICS MEDIA



### STOP BY OUR BOOTH

Visit us at CLEO 2018 in booth 2326. In addition to our latest issues of *Photonics Spectra*, *Biophotonics*, *EuroPhotonics* and *Industrial Photonics* magazines we will have a lot going on in our booth.

- Preview the books available in our online book store. Pick up a bookstore postcard with a discount code for your next order
- Pick up a copy of the 2018 Photonics Buyers' Guide
- Charge your device at our charging kiosk
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- Enter-to-Win a DESTEK V4 Virtual Reality Headset and a \$50 Amazon Gift Card
- Subscribe to or RESTEK our magazines for FREE

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