



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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CLEO 2018
Booth 1825

Featured Exhibitors

[Cobolt Bolero™ 640 nm](#)

From: Cobolt AB

Cobolt proudly highlights the addition of a new wavelength of 640 nm to the Cobolt 05-01 Series of single frequency lasers. With up to 500 mW and a linewidth of <1 MHz, the Cobolt Bolero™ is ideal for holographic and advanced interferometric applications. The Cobolt Bolero™ complements Cobolt's current offering of RGB single frequency lasers: Cobolt Flamenco™ 660 nm, Cobolt Samba™ 532 nm and Cobolt Twist™ 457 nm.

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[Low-Noise Frequency Comb](#)

From: TOPTICA Photonics Inc.

TOPTICA's Difference Frequency Comb (DFC) consists of a low-noise mode-locked oscillator, a fiber-optic amplifier, a nonlinear fiber for supercontinuum generation, a CERO unit for difference frequency generation (DFG) and a fiber-optic pre-amplifier. The DFC CORE provides 4 or 8 f_{CEO} -stabilized outputs at 1560 nm.

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[New Test Equipment & Fiber Optic Components](#)

From: OZ Optics Limited

OZ Optics is introducing a new line of test equipment & fiber optic components for 400 to 2000 nm. High-speed polarization controller/scrambler, 330 ps electrically/manually controlled optical delay line, fiber length meter, electrically controlled manual variable broadband tunable filter, low-cost smart detector power meter head, benchtop polarization extinction ratio meter, backreflection meter, digital variable attenuators, bare fiber adaptor with magnetic clip and telecordia GE-468 qualified directional optical taps/power monitors.

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[Fastest Laser Wavelength Meter](#)

From: Bristol Instruments Inc.

Bristol Instruments' popular 871 system measures laser wavelength at a sustained rate of 1 kHz, the fastest available. It also measures wavelength to an accuracy as high as ± 0.0001 nm. By combining proven Fizeau etalon technology with automatic calibration, the most reliable accuracy is ensured for the most meaningful experimental results.

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[Unique Top-Adjusted Grating Mounts](#)

From: Siskiyou Corp.

New diffraction grating mounts from Siskiyou Corporation are the industry's first to combine rotational adjustment of square components in all three axes, as well as support both reflective and transmissive optics. Specifically, Siskiyou GMx series mounts can hold 12.5 mm, 25 mm and 50 mm square optics of any thickness greater than 2 mm, and offer up to 8° of total rotation in each axis, with a resolution as low as 3.2 arcseconds.

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[PicoQuant. Experience Flexibility.](#)

From: PicoQuant GmbH

Two new high-powered modules with dual wavelengths round out our VisIR/VisUV laser platform line-up. Their picosecond pulsed output in the UV/green (280/560 nm) and UV/orange (295/590 nm) spectral regions are optimally suited for exciting molecular probes or tryptophan in time-resolved spectroscopy and microscopy applications, including STED super-resolution microscopy.

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