

Calmar Laser welcomes you to join us at **Photonics West 2019, booth #432**. Here's some of what we will have on show:

The Carmel X-series has become the preferred platform for bio-imaging and metrology applications and offers the most powerful hand-held, femtosecond fiber lasers on the market. Please stop by our booth to see both the X-780 and X-925 demonstrating our latest OptaPower™ feature, a new power stabilization system that ensures rock-solid performance for consistent long term data acquisition.

[Compact fs Fiber Laser](#)

The Carmel X-925 was developed specifically for multiphoton imaging of green fluorescent protein (GFP) variants. It is the only compact, femtosecond fiber laser source that offers **925 nm, < 100 fs** pulses with over 0.5 W of output power to enable live-animal imaging of mutated proteins.

[Compact 925 nm Fiber Laser](#)

- High power (up to **> 1 W**)
- Ultra-short pulse widths (down to **< 90 fs**)
- Wavelength options of **780, 925, 1550 nm**
- All **air-cooled**, no chiller required
- Ultra-compact laser head up to 100x smaller



We are also proud to introduce two new models to our industry-leading Mendocino line of compact, low power ultrafast fiber lasers. Based upon the success of our initial **battery-powered Mendocino LDR module**, we will showcase the latest generation with a shorter pulse width (**1 ps**) and higher output power (**> 10 mW**). With a repetition rate of 10 MHz, this 1550 nm, eye-safe, module now provides higher resolution for LIDAR and 3D sensing applications.

[1 ps LIDAR Laser](#)



In addition, the latest desktop version of the Mendocino platform will be on display, targeted for the optical communications test and measurement sector. With an output at **1310 nm**, pulse widths of **< 0.3 ps**, and **triggering jitter as low as 200 fs**, this source is perfect for new generation data center transceiver component testing and photodiode characterization.
[1310 nm, fs](#)



And a new line of femtosecond lasers employing **fiber delivery**, the **Carmel F-series**, will also be on display. With **fiber delivered > 100 mW** of output power at **1350 nm** and the ability to deliver high peak power optical pulses directly to test components, the Carmel F-1350 has been specifically designed for transient current injection in the testing of IC.
[1350 nm, fs](#)



And, if you don't see an ultrafast fiber laser that meets your needs, then talk to us about a customized solution.

Best regards,

Tony Lin, Ph.D.
sales@calmarlaser.com www.calmarlaser.com