



A Passion for Precision.

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Press Release

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TOPTICA presents an extended Rainbow from UV to Terahertz at Photonics West

Diode lasers and ultrafast fiber lasers in all colors with the highest powers are the main highlights of TOPTICA Photonics at the BIOS and Photonics West show in San Francisco.

Quantum optics, spectroscopy, biophotonics & microscopy, terahertz technology and ultrafast applications all benefit from this extended wavelength and power offering.

Frequency converted diode lasers now reach wavelengths well below 200 nm - a wavelength regime which is both important for electron emission spectroscopy or advanced quantum optics.

For Sodium spectroscopy, high power tunable diode based solutions at 589 nm with options in the 2 - 10 Watt regime are now offered.

The unique BlueMode laser (high coherent high power 405 nm) and the full DL pro, TA pro series will further demonstrate TOPTICA's expertise in advanced spectroscopy and metrology.

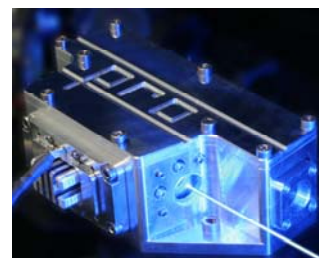
The iBeam smart will be transforming biophotonics applications. The iBeam smart - now available with autopulse, FINE (Feedback Induced Noise Erasion), SKILL (Speckle KILLer) and many more features, setting the new standard for industrial lasers.

A major attraction will be a new solutions of multi color lasers:

Here TOPTICA will show the tunable iChrome and an ultra-compact high performing concept of a multi laser engine.

Ultrafast technologies will enjoy the next generation femtosecond fiber lasers: the FemtoFiber pro is the latest member of TOPTICA's pro family and will be presented in 3 different wavelength versions.

The well established ultrafast OEM laser PicoFYb is now available at 1030 / 1064 nm and 1550 nm - extending the application field from seeders for high power lasers to further industrial applications.



TOPTICA's pro series – DL pro, TA pro, DL/TA-SHG/FHG pro, FemtoFiber pro.

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Terahertz technology will see the latest DFB laser based high precision cw spectroscopy solutions and high power electronic terahertz imaging systems from SYNVIEW, TOPTICA's technology partner.

Last but not least High Finesse will show their latest wavelength meters for high and highest precision wavelength measurement.

See TOPTICA at booth 517 (Photonics West) or at booth 8517 (Bios).

TOPTICA Photonics AG develops, manufactures, services and distributes technology-leading diode and fiber lasers and laser systems for scientific and industrial applications. Sales and service is offered worldwide through TOPTICA Germany and its subsidiary TOPTICA USA, as well as all through 14 distributors. A key point of the company philosophy is the close cooperation between development and research to meet our customers' demanding requirements for sophisticated customized system solutions and their subsequent commercialization.

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