

TOPTICA completes the acquisition of Azurlight Systems, which becomes TOPTICA Photonics SAS

Power boost: Tunable diode lasers merge with high-power fiber amplifiers.



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Photo: TOPTICA Photonics SAS employees in front of their premises located in Pessac/Bordeaux together with TOPTICA Photonics AG's executive board visiting for the inauguration of the new subsidiary.

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TOPTICA Photonics AG has successfully closed the acquisition of Azurlight Systems SAS on 5th of May 2023 after final approval from the French government. The effective date is 1st of Jan 2023. Azurlight will continue its successful fiber laser and amplifier business under the new name TOPTICA Photonics SAS. Located in Pessac/Bordeaux (France), TOPTICA Photonics SAS also will become the French hub of the TOPTICA group, demonstrating TOPTICA's commitment to the local photonics ecosystem, including a Joint-Lab arrangement with the LP2N Institute of Optics Aquitaine.

Enlarged product portfolio

The product offering of TOPTICA – now including also high-power cw fiber lasers & amplifiers – will serve customers in the fast-growing markets of quantum technologies, biophotonics, and industrial metrology and help to establish an even stronger European position in these markets. The individual products are already invaluable tools used in industry and fundamental scientific research. The foreseen combination of world-class diode lasers, lowest-noise fiber amplifiers, and superior frequency conversion technology opens individual solutions ranging from low to high power and from ultraviolet to infrared wavelengths. Many applications will benefit from complete solutions that meet industry standards.

Extended sales, service, and expert network

Customers benefit from access to an experienced global team of TOPTICA experts covering laser technology, application knowhow, sales, and full technical support. Adding a French subsidiary to the global team is an important step towards TOPTICA's goal of providing world-leading professional-grade lasers with cutting-edge technology to scientific and industry customers.

Dr. Nicholas Traynor (President TOPTICA Photonics SAS, Pessac/France): “We are delighted that we have finally joined TOPTICA. Our technologies are mutually beneficial, and their combination opens exciting opportunities for the next stage of development of the TOPTICA group. We identify strongly with the TOPTICA culture, enjoy adding a French twist to its internationality, and look forward to the years to come.”

Dr. Juergen Stuhler (General Manager TOPTICA Photonics SAS & Vice President Quantum Technologies TOPTICA Photonics AG, Munich-Graefelfing/Germany): “High power low-noise cw fiber lasers & amplifiers are a perfect addition to our variety of technologies. Already the direct combination of existing products is a big plus for our customers, especially in quantum technology and industrial metrology applications. For example, we just realized more than 30 W cw optical output power at 520 nm by combining a 45 W ALS-fiber laser at 1040 nm with a *DLC SHG pro* resonant frequency conversion stage. The great potential that we see in combined product development is fascinating.”

Dr. Thomas Renner and Dr. Wilhelm Kaenders (Executive Board of TOPTICA Photonics AG, Munich-Graefelfing/Germany) add: “We are very pleased to establish a French subsidiary within the TOPTICA group. We envisage further strengthening of fiber laser development in the high-tech environment of the *Route des Lasers* in Nouvelle Aquitaine and look forward to a deep collaboration with local institutes and with the French ecosystem for lasers, quantum technologies, and biophotonics. TOPTICA Photonics SAS in Pessac/Bordeaux will also become the local point of contact for sales & service in France.”

About TOPTICA Photonics SAS | High-Power CW Fiber Lasers & Amplifiers

TOPTICA Photonics SAS (ex Azurlight Systems SAS) is a manufacturer of cw fiber lasers and amplifiers based in Pessac near Bordeaux/France. Tailored for high performance, their infrared (IR) lasers and visible (VIS) lasers all feature high power, ultra-low noise, single frequency, single mode, excellent power and pointing stability. At all wavelengths (488 nm, 515 nm, 532 nm, 976 nm, 1015 nm, 1030 nm, 1064 nm, and other custom wavelengths), the compact architecture of the products ensures robustness and reliability. The cw fiber lasers are suited for quantum technologies, high power Argon gas laser replacement, laser Doppler velocimetry, high brightness laser pumping, laser holography, metrology, and interferometry.

About TOPTICA Photonics AG

Founded in 1998 near Munich (Germany), TOPTICA became one of the leading laser photonics companies by aiming for and consistently delivering products with high-end specifications. TOPTICA develops and manufactures laser systems for scientific and industrial applications. The portfolio includes (tunable) diode lasers, ultrafast fiber lasers, terahertz systems and optical frequency combs. The new subsidiary TOPTICA Photonics SAS adds cw fiber amplifier technologies. OEM integrators, scientists, and over a dozen Nobel laureates all acknowledge the performance of TOPTICA’s lasers, as well as their reliability and longevity. The TOPTICA group now comprises close to 500 employees in seven commercial entities with a consolidated group revenue of more than 110 Mio €.