



A Passion for Precision.

Press Release

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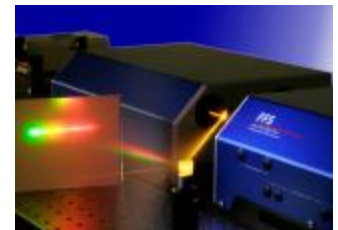
IMRA and TOPTICA sign License Agreement on Ultrafast Fiber Technology

IMRA America, Inc. (IMRA) (Ann Arbor, Mich.), a world leader in the research, development, manufacturing and application of ultrafast fiber lasers, and TOPTICA Photonics AG (TOPTICA) (Munich, Germany), a world leader in diode laser and femto-fiber technology for industrial and scientific markets, have signed a license agreement for IMRA femtosecond fiber technology. The technology enables TOPTICA to further expand its product offerings in this vital field.

In the agreement, IMRA licenses TOPTICA a large portfolio of IMRA patents related to ultra-fast fiber lasers.

“One of TOPTICA’s core competences is to provide ultra-stable or narrow-band tunable light. Today our world leading diode lasers cover the widest spectral region between 205 and 3000 nm. The new and unique FemtoFiber™ product line, based on ultra-fast fiber technology, covers a similar tunable wavelength spectrum between 480 and 2100 nm using supercontinua both in the visible and infrared spectrum,” emphasized Dr. Thomas Weber, President of TOPTICA. “Licensing the IMRA technology further enhances our laser development capabilities and will facilitate commercialization of our fiber laser products. We look forward to building a long association with the highly respected IMRA team.”

Mr. Takashi Omitsu, President of IMRA, added: “Over the past 15 years, IMRA has made an enormous investment in fiber amplifier and fiber laser research, leading the industry in developing the technology required for generation and amplification of very short laser light pulses with excellent beam quality. As the international fiber laser community recognizes the importance of intellectual property licensing, IMRA is continuing to advance the state of this art for the benefit of both manufacturers and users of fiber laser products. We welcome TOPTICA, a key member of this community, as an IMRA licensee.”



TOPTICA FFS Laser with visible supercontinuum option.

Author:

Dr. Thomas Weber, TOPTICA Photonics AG

About IMRA America, Inc.: Founded in 1990, IMRA America, Inc., headquartered in Ann Arbor, Mich., is a global-acting company dedicated to being the leader in the development of ultrafast fiber laser technologies for commercial applications. IMRA's turnkey fiber lasers with their compact size, high stability and maintenance-free operation, are ideal optical pulse sources for: material processing, semiconductor inspection and repair, homeland security, instrumentation, medical diagnostics and therapy, and telecommunications. They are based on IMRA's proprietary fiber oscillator, fiber amplifier, and advanced pulse compressor technologies, documented in over 70 U.S. patents and patent applications and many more worldwide. In addition to delivering innovation through its products, IMRA America offers its technologies through patent and technology licensing. For information, visit www.imra.com or call +1 (734) 930-2560.

About TOPTICA Photonics AG: Since its foundation in 1998 TOPTICA Photonics AG, headquartered in Graefelfing/Munich, Germany, has stood for "highest precision in laser technology". The diode laser expertise of TOPTICA is world leading, including semiconductor amplification and frequency-conversion technologies. TOPTICA provides high-precision lasers as well as single-mode laser-related equipment to the forefront of atomic physics, microscopy, printing, optical disc manufacturing, metrology and many other applications. A revolutionary new product range of ultra-fast fiber lasers is dedicated to highest precision applications and complements the cw emitting product range. As an independent growing company, TOPTICA takes pride in offering its industrial customers dedicated systems with leading specifications and rugged, easy-to-use design for industrial 24/7 use. For information, visit www.toptica.com or call +49 (89) 85837-0.

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 13 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.

Author:

Dr. Thomas Weber, TOPTICA Photonics AG