

PRESS RELEASE

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ALPHANOV INTRODUCES A POCKET-SIZE ULTRASHORT LASER SEEDER: THE PULS

The new picosecond laser oscillator developed by ALPhANOV illustrates its expertise in modeling, designing and prototyping innovative fiber laser sources.

The PULS (Pocket-size Ultrashort Laser Source) is a picosecond laser oscillator offering a unique and monolithic solution for seeding ultrafast laser amplifiers and for applications in multiphoton imaging, laser micro-machining and bio photonics.

It delivers linearly polarized laser pulses with a nearly Fourier-transform-limited pulse duration and a tunable repetition rate in the 20-70 MHz range.

Main characteristics:

- Polarisation maintaining fiber laser
- Fourier-Transform-limited pulse duration
- Low jitter
- Linearly polarized
- Stable output
- High wall-plug efficiency
- Compact

About ALPhANOV

Established in 2007, ALPhANOV is the optics and lasers technology center of the Route des Lasers cluster. It acts as a technology transfer accelerator and uses its expertise and know-how to serve innovative projects with industrial target short and mid-terms. It offers multiple modes of action which enable it to act all along the value chain. Its fields of expertise include laser processes and micromachining, laser sources and fiber components, laser and optical systems and health applications of photonics.



CONTACT

Ludovic LESCIEUX
communication@alphanov.com
+33 (0)5 24 54 52 44

ADDRESS

ALPhANOV
Institut d'optique d'Aquitaine
Rue François Mitterrand
33400 Talence

www.alphanov.com

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