

OCT, confocal microscopy, component testing

No. 1, September 2011

**New supercontinuum laser source STM-100
A step further in performances**

Leukos expands its line of supercontinuum laser. The new STM-100 series offer more than 250 mW at a repetition rate of 100 kHz. Spectral bandwidth starts from 420 nm to 2400 nm. From this series to answer spectroscopy requirements, a low repetition rate variant enables the operation at 2 kHz. The low timing jitter, less than 50 ns, of this laser at 2 kHz, ensures unrivalled performance on the supercontinuum laser market.

[More details](#)

Time-resolved spectrometry, component testing

**SM-30-UV
The most powerful UV supercontinuum**

LEUKOS introduces the UV extension in the SM-30 source, singlemode supercontinuum at 30 kHz. This unique option available on all the SM series allows to provide peerless performances on a 350 to 2200 nm spectral bandwidth.

[More details](#)

AGENDA 2011

4-6 Oct | [OPTO](#) - Paris (FR)

HOT DEAL

« **Good things come in small packages!** »

Enjoy a compact supercontinuum **SC-OEM**

for less than

10,000 EUR *

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Stay tuned, a selection of the last technical and application publications



Nice spot from a supercontinuum laser, [article](#) « Blue-Extended Sub-Nanosecond... »

Technical publication

Diving deeper into the blue, reaching 372 nm

Blue-Extended Sub-Nanosecond Supercontinuum Generation in Simply Designed Nonlinear Microstructured Optical Fibers

D. Ghosh, S. Roy, M. Pal, P. Leproux, P. Viale, V. Tombelaine, S. K. Bhadra

Journal of Lightwave Technology, vol. 29, no. 2, pp. 146-152, 2011

[More details](#)

Application publication

Sensing multiwavelength cavity ring-down absorption spectroscopy

PCF-Based Cavity Enhanced Spectroscopic Sensors for Simultaneous Multicomponent Trace Gas Analysis

W. M. Nakaema, Z.-Q. Hao, P. Rohwetter, L. Wöste, K. Stelmaszczyk

Sensors 2011, 11(2), pp. 1620-1640, doi:10.3390/s110201620, 2011

[More details](#)

Who is LEUKOS ?

About the company

LEUKOS is a supercontinuum source designer and manufacturer headquartered in Limoges, France. Since 2006, we have provided companies and researchers around the world with compact supercontinuum sources with relevant spectrum for their applications.

Our solutions, compact supercontinuum sources and variable fibre delay lines, address a wide range of applications such as spectroscopy, high resolution imaging (OCT, confocal microscopy), metrology, biophotonics, nanophotonics, plasmaphotonics...

The company also represents [PHOTON ETC](#), optical instruments, in France and [ULTRAFAST SYSTEMS LLC](#), time-resolved spectrometers, in France, Belgium and Netherlands.

[More details](#)

* Special offer applies on SC-OEM order received before 1st December 2011.

Discounted price mentioned EX-WORK Limoges France.

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