

January 2019

In this issue we gladly present the successor model **Photonic Professional GT2** and the new **IP-Q photoresin for fast mesoscale fabrication**. Furthermore, we would like to point out an **exciting development** of our customers at AMOLF. Finally, you are cordially invited to join us at **Photonics West 2019!**

Enjoy reading!

Your Nanoscribe team

New: Photonic Professional GT2 for High-Resolution 3D Microfabrication

With the successor model Photonic Professional GT2, Nanoscribe offers new solutions for additive manufacturing and maskless lithography. Thanks to optimized hardware and software components as well as IP-Q printing material especially developed for larger volumes, high-resolution microstructures up to a height of 8 mm can now be produced for the first time. [More](#)



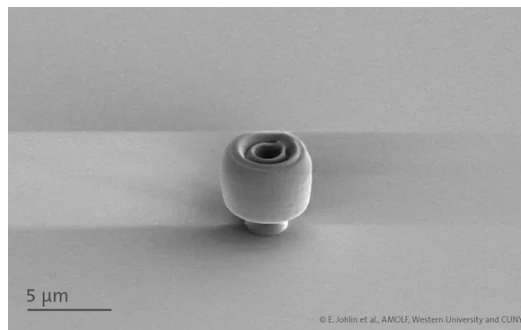
IP-Q Photoresin Expands Range of Materials

With the new Photonic Professional GT2, we also introduce the new IP-Q resin for fast mesoscale fabrication. IP-Q enables the fabrication of object volumes up to several 10s of mm³ with micrometer precision. Thus, additive manufacturing based on two-photon polymerization provides also high precision, and speed to print mesoscale parts with millimeter dimensions. [More](#)



3D Printed Nanophotonic Lens Improves Light Directivity

Scientists at the Dutch research institute AMOLF have developed and fabricated a 3D nanophotonic lens in collaboration with the Western University in Canada and the City University of New York in the USA. Using a Photonic Professional System from Nanoscribe, the researchers printed an extremely small lens on top of a gallium arsenide nanowire, which is only 80 nm thick and acts as a light emitter. [More](#)



+++ EVENTS +++

Meet us at Photonics West 2019

Do you want to discuss your projects and needs in additive microfabrication with us personally? Then meet us at the upcoming world's largest photonics event SPIE Photonics West in San Francisco! From February 2nd to February 7th 2019, Nanoscribe will participate at BiOS Expo (Booth 8368) and at Photonics West (Booth 366, South Hall). [More](#)



Upcoming Exhibitions

BiOS

San Francisco, CA (US)
February 02 - 03, 2019
Booth: 8368

Photonics West

San Francisco, CA (US)
February 05 - 07, 2019
Booth: 366 (South Hall)

LASER World of Photonics China

Shanghai (CN)
March 20 - 22, 2019
Booth: 6220 (Hall OW)

Tell us what challenges you face and send us an e-mail to sales@nanoscribe.com. We are happy to support you!



Photonic Professional **GT2**

3D Microfabrication from Nano to Macro

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