

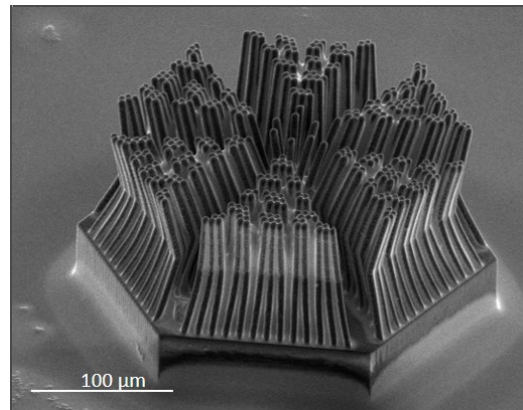
March 2019

In this issue we gladly present a new approach by our customers to solve common defects of roll-to-roll processes by **3D printing high-resolution stamps**. Furthermore, we would like to point out how the new Photonic Professional *GT2* systems change the way of **producing micro-optics in series**. Finally, you are cordially invited to join us at **PIC International Conference 2019!**

*Enjoy reading!**Your Nanoscribe team*

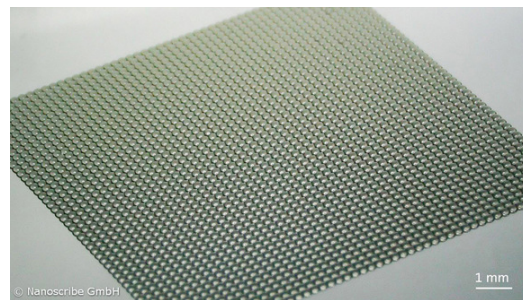
High-Resolution 3D-Printed Stamps for Printing Electronics

Electronic components can also be manufactured by roll-to-roll processes, where a special stamp transfers the printing material to the substrate. However, common defects, such as haloing or bridging, negatively affect the performance of printed materials for electronics applications. This problem can be solved with a new approach using 3D-printed mechanical metamaterials for metered ink deposition. [More](#)



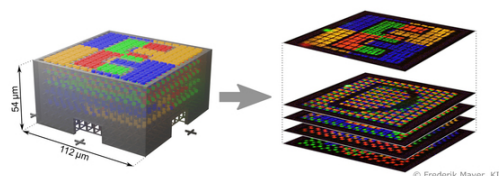
Enabling Serial Production of Micro-Optics

The new Photonic Professional *GT2* systems change the way of producing micro-optics in series. Additively manufactured ultra-precise micro-optics fit as polymer masters into established industrial processes for serial production. [More](#)



Material Mix for 3D Microprinting

Scientists at the Karlsruhe Institute of Technology (KIT) and Carl Zeiss AG present a new method for high-precision additive manufacturing of micro- and nanostructures composed of multiple materials. [More](#)



Join us at PIC International Conference

Are you interested in innovative manufacturing methods for integrated photonic devices? Then visit us on 26 or 27 March 2019 at the PIC International Conference in Brussels. [More](#)

Join our TALK

PIC International Conference

ADDITIVE MANUFACTURING BY
TWO-PHOTON POLYMERIZATION
FOR PHOTONIC INTEGRATION

Wednesday, 27 March 2019, 1:15 PM
Speaker: Jochen Zimmer



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Upcoming Exhibitions

LASER World of Photonics China

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

Photonic Integrated Circuits (PIC) Conference

Brussels (BE)
March 26 - 27, 2019

Korean MEMS

Jeju (KR)
April 04 - 06, 2019

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