10 YEARS Nanoscribe

NEWS AND REVIEWS

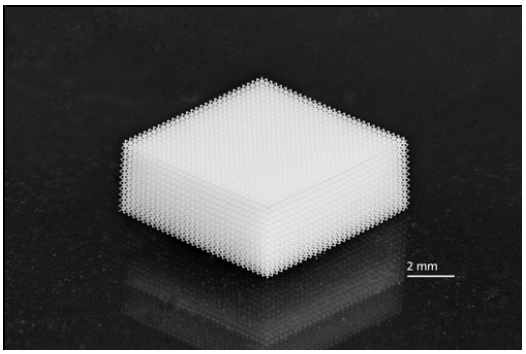
nanoscribe

November 2018

In this issue we gladly present **new advances in 3D microprinting** that shift the limits of basic two-photon polymerization technology to new horizons. Furthermore, we are happy to announce that we won the **Baden-Württemberg State Prize for Young Companies** ("Landespreis für junge Unternehmen"). Besides that, our users' work has surpassed the mark of **500+ scientific publications** and we would like to highlight one of them in this newsletter.

Enjoy reading!
Your Nanoscribe team

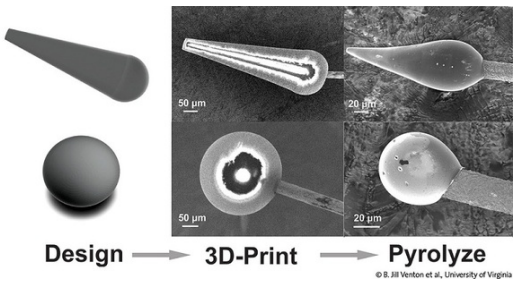
Nanoscribe's 3D Printers Bridge the Gap Between Micro and Macro Scales



During this year's trade fair Formnext, Nanoscribe presented novel solutions for the rapid fabrication of millimeter-sized parts for the first time. New advances in 3D microprinting reduce the print times of smallest structures in millimeter sizes, keeping micrometer precision. With these developments, the limits of the microfabrication process based on two-photon polymerization (2PP) expand toward the macroscale. More

---

3D-printed Microelectrodes Detect Neurochemicals in vivo



Scientists at the University of Virginia, in collaboration with the Oak Ridge National Lab, have recently demonstrated a novel method for the fabrication of carbon electrodes for neurotransmitter detection. The method is based on Nanoscribe's 3D printing technology and resulted in well-defined carbon microelectrodes with high resolution and suitability as implantable microsensors for in vivo measurements. More

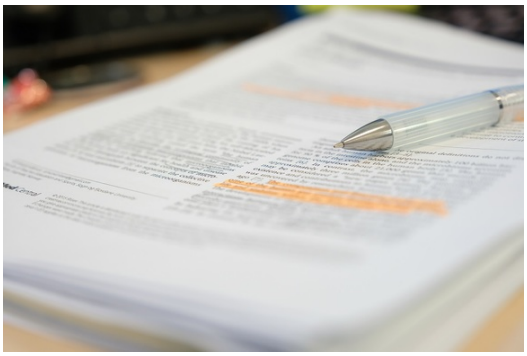
---

+++ COMPANY NEWS +++

Nanoscribe wins Baden-Württemberg State Prize for Young Companies

The Minister-President of Baden-Württemberg, Winfried Kretschmann, awarded Nanoscribe the first place prize at the State Prize for Young Companies ("Landespreis für junge Unternehmen"). The jury bestowed the 40,000 euros to Nanoscribe for its extraordinary innovations in the field of 3D printing on the microscale as well as the entrepreneurial successes that have been proven for years. More

500+ Scientific Publications Based on Nanoscribe's 3D Microprinters



More than 1,000 scientists and engineers around the world are working daily on microfabrication with Nanoscribe's systems. Recently, their work has surpassed the mark of 500+ scientific publications. With an average of 2 journal publications per week, our users are approaching the end of the year with over 130 papers in 2018. More

---

Upcoming Exhibitions

MRS Fall
Boston, MA (US)
November 27 - 29
Booth: 1311

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)

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

Nanoscribe GmbH
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldshafen
Germany

Tel +49 721 981 980 0
Fax +49 721 981 980 130
E-mail info@nanoscribe.com
Web www.nanoscribe.com

CEO: Martin Hermatschweiler
Registered office of the association:
76344 Eggenstein-Leopoldshafen
Germany

District court: Mannheim, HRB 703637
VAT-No. DE258161584
Tax-No. 34415/77104

Share this newsletter on Facebook