



第112回 OPERA研究交流セミナー  
第104回 ISIT有機光エレクトロニクス研究特別室セミナー  
第171回 未来化学創造センターセミナー



日時: 2014年6月25日(水) 10:00-  
場所:九州大学 最先端有機光エレクトロニクス研究棟 3F会議室

## “3D $\mu$ -printing by Direct Laser Writing”

CEO、Nanoscribe GmbH

Martin Hermatschweiler

We, Nanoscribe GmbH, offered research institutions multi-photon absorption based 3D laser lithography systems worldwide as 3D microfabrication tool since we spun off from Karlsruhe Institute of Technology as a company in 2007. We initially developed the technology for the research field of nanophotonics but nowadays applications of our technology extensively covers new cutting-edge fields such as mechanical metamaterials, biomimetics, biology and things as well as 3D photonics. Particularly our new Galvo technology significantly speeding up our systems by almost 100 times our traditional systems in their writing speed has opened up our system's new aspect of abilities as 3D micro-printer which can make even macro 3D structures since we presented the new development in last January. We would present that variety of applications our customers has worked on with our systems as well as our technologies including Galvo technology and hope you could find clues for breakthroughs in your studies even a bid from our presentation this time.

主催:九州大学 最先端有機光エレクトロニクス研究センター  
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