

SAL Webinar Series #1

# High-resolution 3D printing for innovations in photonic systems and photonics packaging

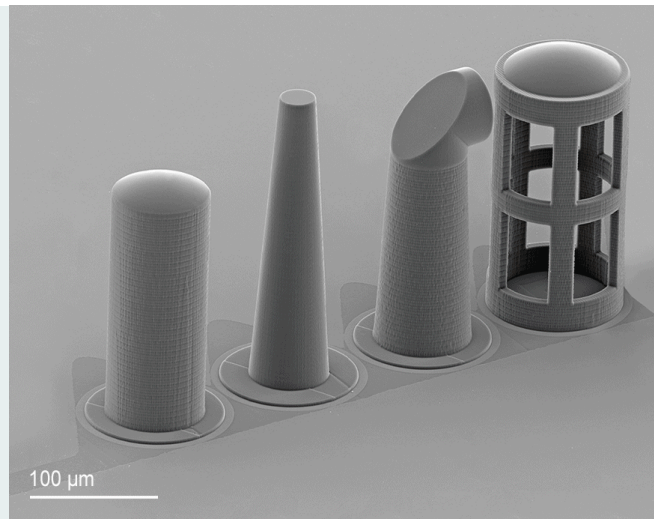
Friday, 20<sup>th</sup> September 2024, 10:00-11:00 (CEST)

online via MS Teams

[>> Register here <<](#)

SAL is pleased to announce our first joint webinar in the field of additive microstructure manufacturing. Together with our partner Nanoscribe – a well-established technology leader in the photonics microfabrication industry – we will give you a compact and profound overview about the technology and how your application can benefit:

- Optical sensor and metrology systems
- M(O)EMS based photonic systems
- Creating micro-optical lenses and structures
- 3D printed photonic interconnects for coupling in optical systems (PICs)



Pictured: Array of exemplary freeform microoptics aligned and printed on individual fibers. SEM image: Nanoscribe

## WEBINAR CONTENT

- **Module 1:** Aligned 3D printing in applied microoptics and photonics R&D (SAL)
- **Module 2:** Technology insights, Aligned 2-Photon Lithography A2PL® & benchmark application
- **Q&A Session** (15 minutes)

## HOW IT WORKS:

- Apply to the online event by filling out the [registration form](#)
- Receive an Outlook invitation including the access link for the MS Teams meeting
- Join the meeting and get inspired!

## MEET THE SPEAKERS

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### **SAL: Dr. Andreu Llobera**

Dr. Andreu Llobera graduated with a PhD in Physics in 2002. Prior to his current position as Head of Research Unit Photonic Systems at SAL, he was employed as Head of Innovation at Microliquid S.L. Previously, he worked as Head of Disruptive Technologies at Carl Zeiss Vision between 2016 and 2020.

His research activities include photonic lab-on-a-chip, integrated optical devices and platforms, and related materials, processes and technologies. He received the ERC Starting Grant in 2008 and the ERC Proof of Concept Grant in 2015, both from the European Research Council.



### **Nanoscribe: Dr. Michael Thiel**

Dr. Michael Thiel is co-founder, authorized officer and Chief Science Officer (CSO) of Nanoscribe. His focus lies on driving technical innovations in research and development. As a graduate physicist he earned his PhD at the Karlsruhe Institute of Technology (KIT) in 3D laser lithography and received the KIT PhD Award in 2011 for his work.

Michael Thiel is INSEAD alumnus since 2015. In 2016, he was chosen to be one of Germany's best innovators under 35. The same year he received the European CTO of the year 2016 award. In 2023 he was awarded as one of the Photonics 100 of 2024 for driving innovations in photonic integration and photonics packaging.

## CONTACT

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### **Mag. Thomas Ladstätter**

Senior Manager Business Development

Sensor Systems | [Silicon Austria Labs](#)

For inquiries, please contact [thomas.ladstaetter@silicon-austria.com](mailto:thomas.ladstaetter@silicon-austria.com).