

HETEROMERGE

FUNCTIONAL 3D MICRO-PRINTING

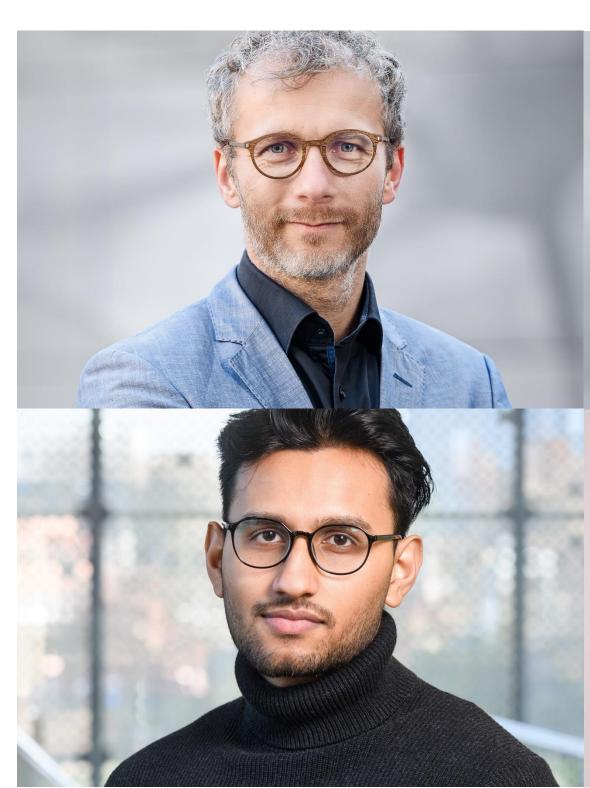


Dr. Robert Kirchner
Strategy / Technology

Dr. Ye Yu Fluidics / Materials

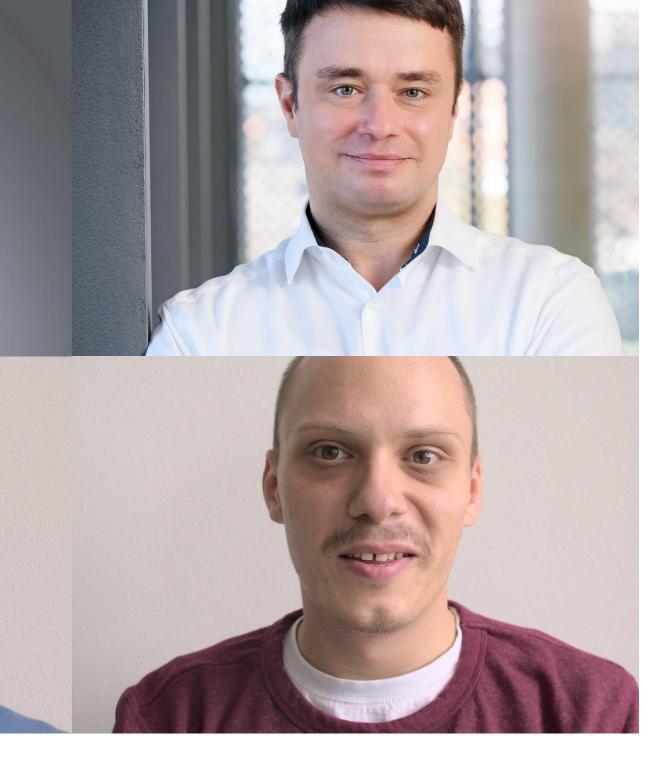
Man Ho Wong Mechanics

Jörg Knorr Finance / Commercial









Siddharth Das Software / Electronics

Madhuri Chennur Process

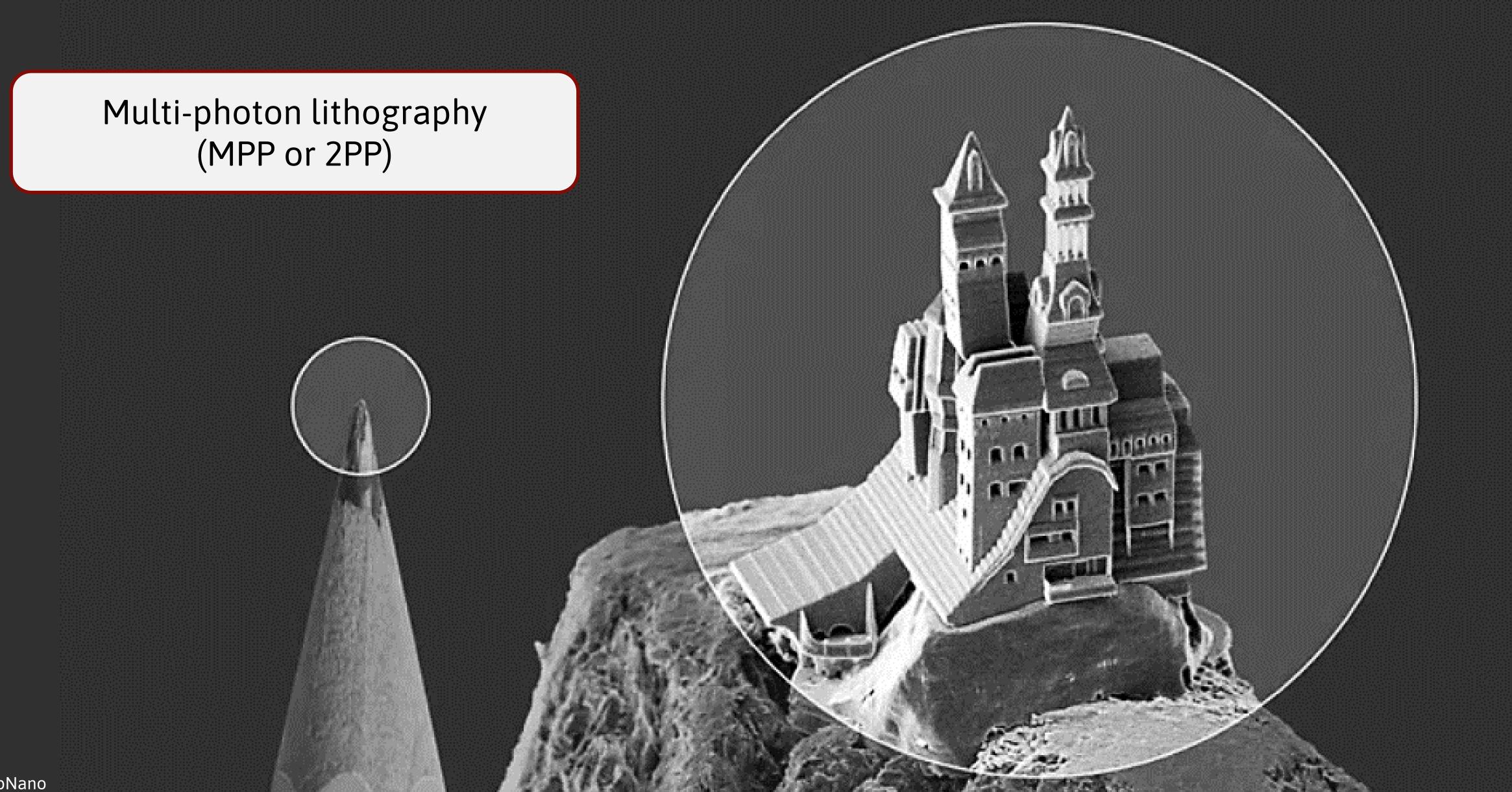
Josua Zscheile Software

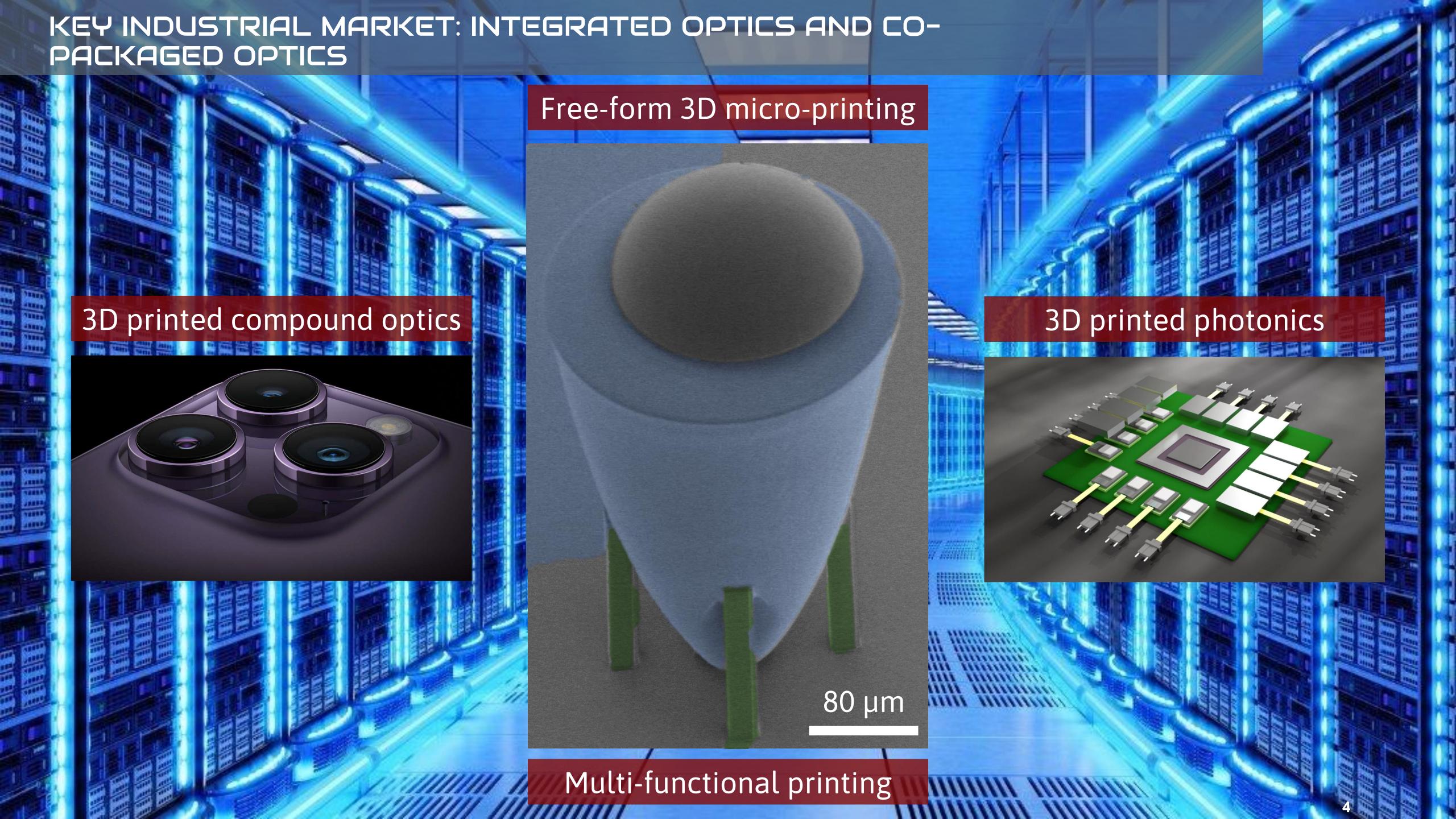
Markus Peschtrich Marketing, Media & Design

Advisory Board and Mentoring

3D PRINTING AT SMALL



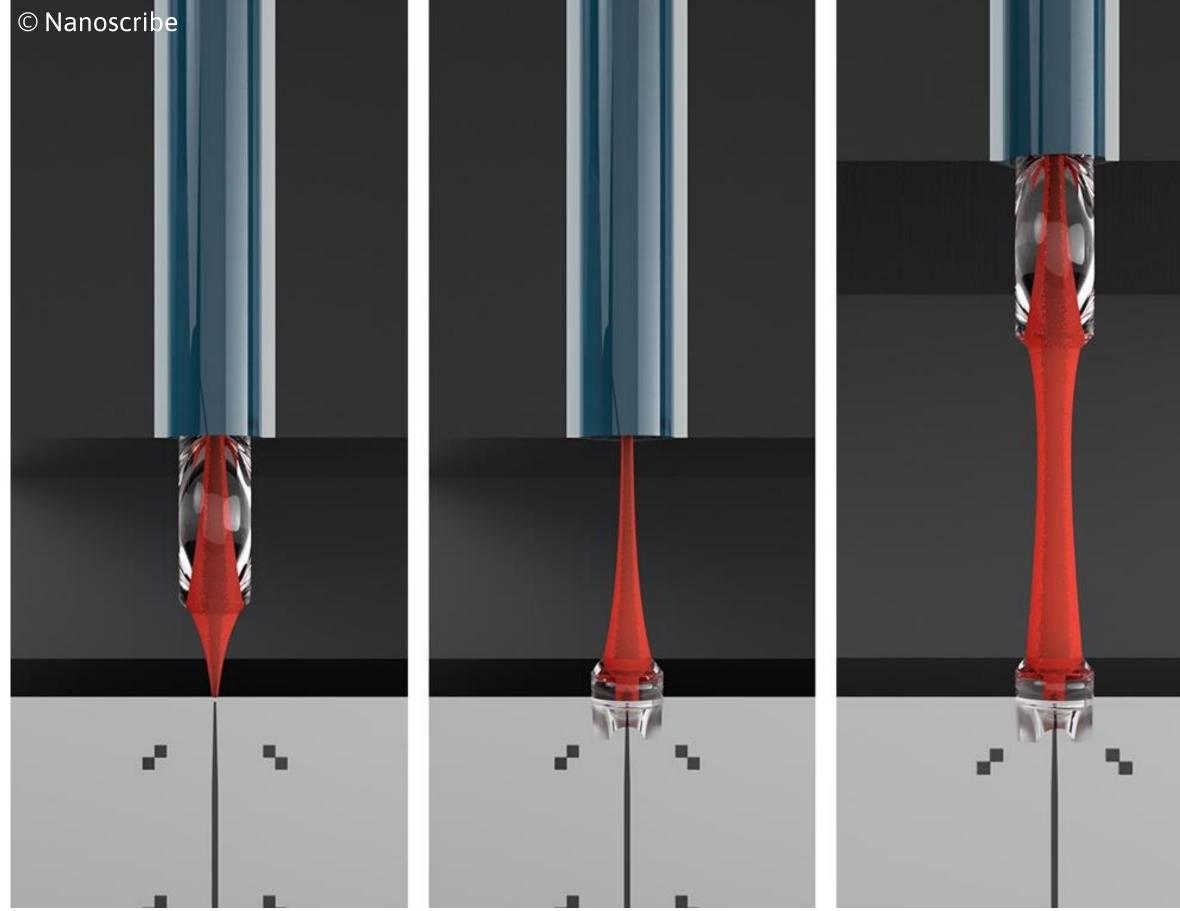




FPMO - FUNCTIONAL POLYMER MICRO-OPTICS







MICRO-IMAGING OPTICS

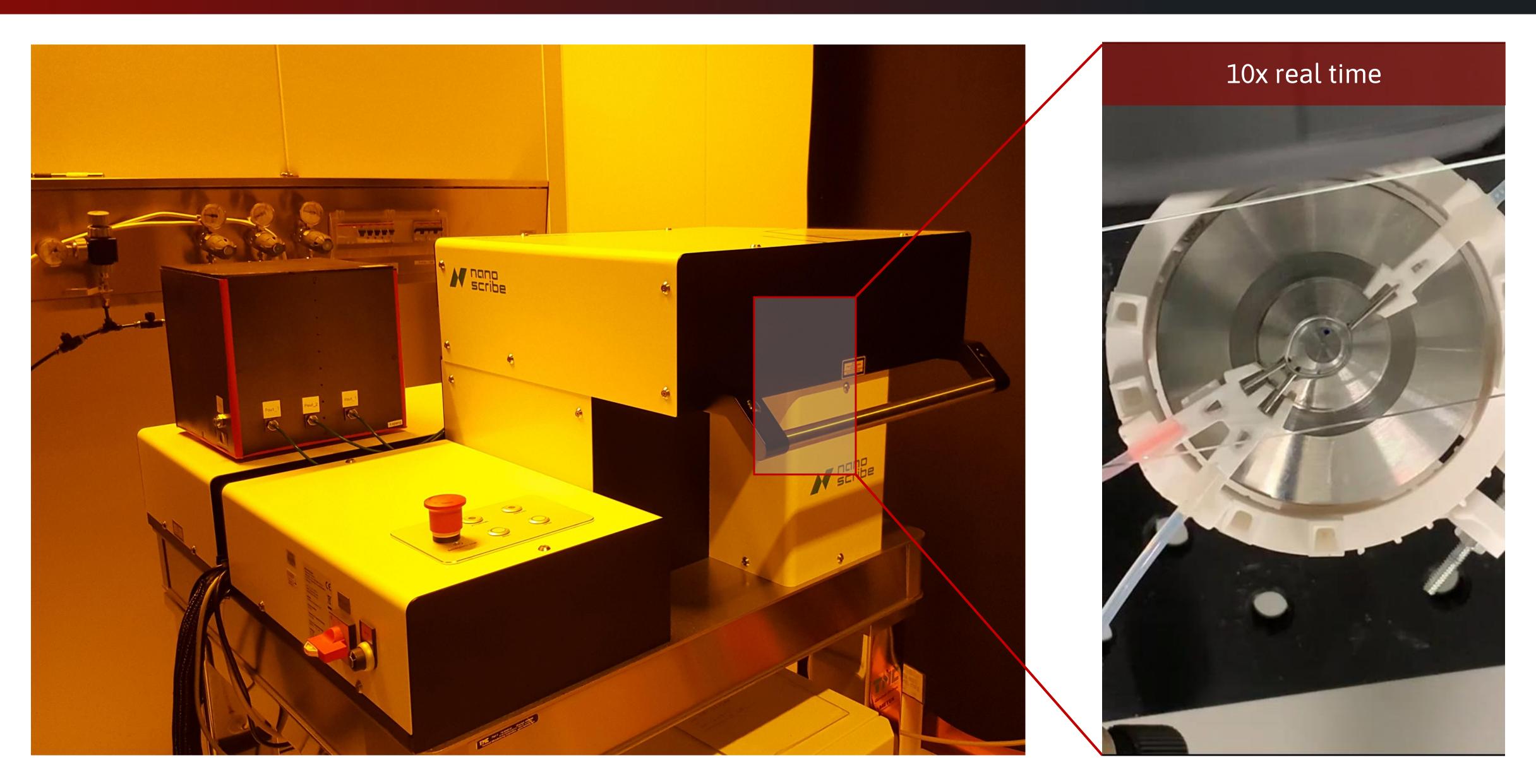
US\$ 5 bn (CAGR: 47%)*

US\$ 10 bn (CAGR: 22%)*

PHOTONICS PACKAGING

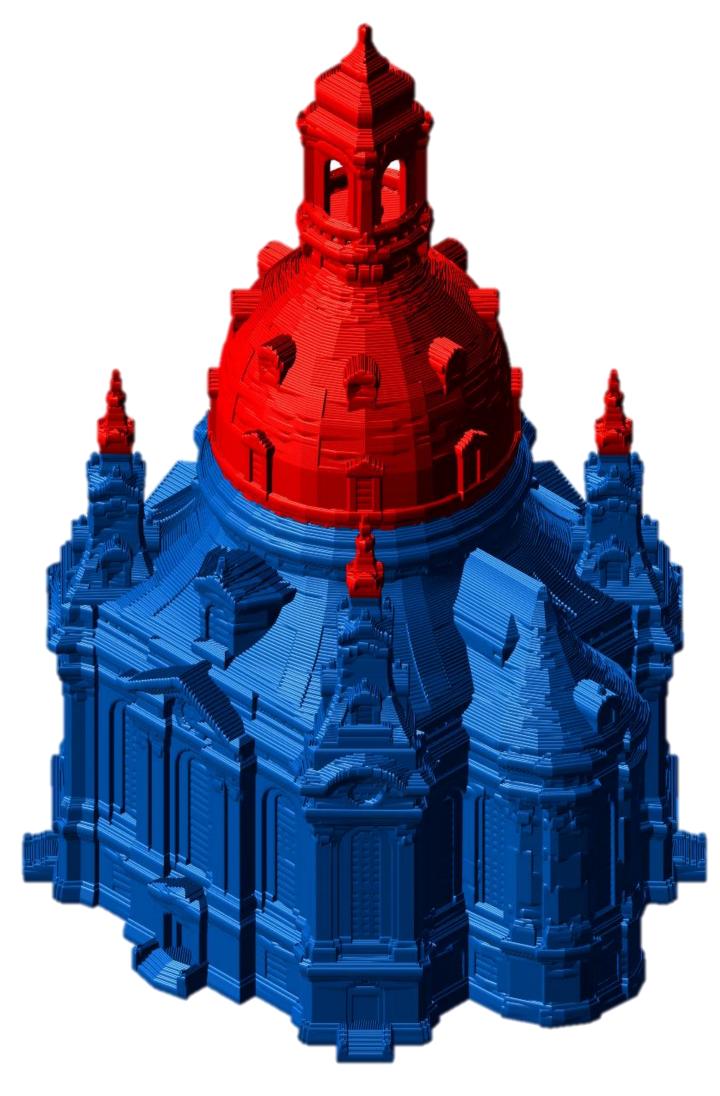
HETEROMERGE - ALPHA (RELEASED 05/2022)





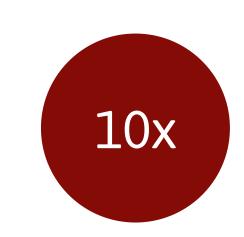
HETEROMERGE - UNIQUE ADVANTAGES

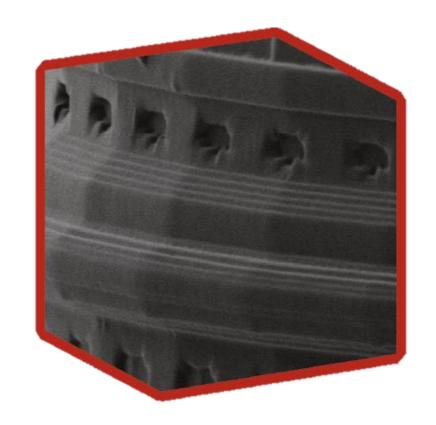




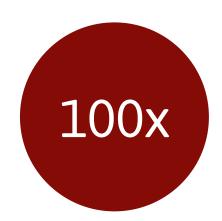


automated and fast material exchange (< 60 s PETA)



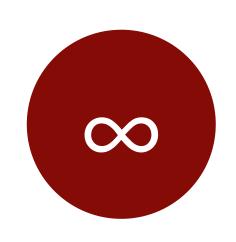


Perfect placement accuracy (~ 10 nm)





Substrate independent on active devices and wafer-level



100 μm

#InnovationmadeinSaxony

PILOT COSTUMER PROGRAM



Become the first one to work with MergeOne

Your benefits:

- 50% price reduction on initial purchase
- 3 years support of your R&D
- 1 year functional system upgrades
- 50% discount on prototype
- 1 year on-site service (excl. travel)
- exclusive scientific pilot customer meeting

Pilot customer program

System R&D

Company setup

Limited to 10 pilot customers

Registration 01.10.22 – 31.03.23

www.heteromerge.com/pilotprogram

NOI PILOT CUSTOMER





Universität Stuttgart

4th Physics Institute

Prof. Harald Gießen & Team

during MergeOne-

Training 30.09.2022

"In-situ material exchange in 2PP-systems, this is a new fabrication paradigm!"





3D printing trend

(industrial awareness)



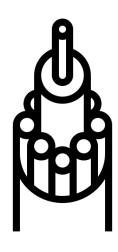
2PP enters industry 2-5 years

(R&D push + customers pull)



Photonics integration trend

(applications need)





CONTACT

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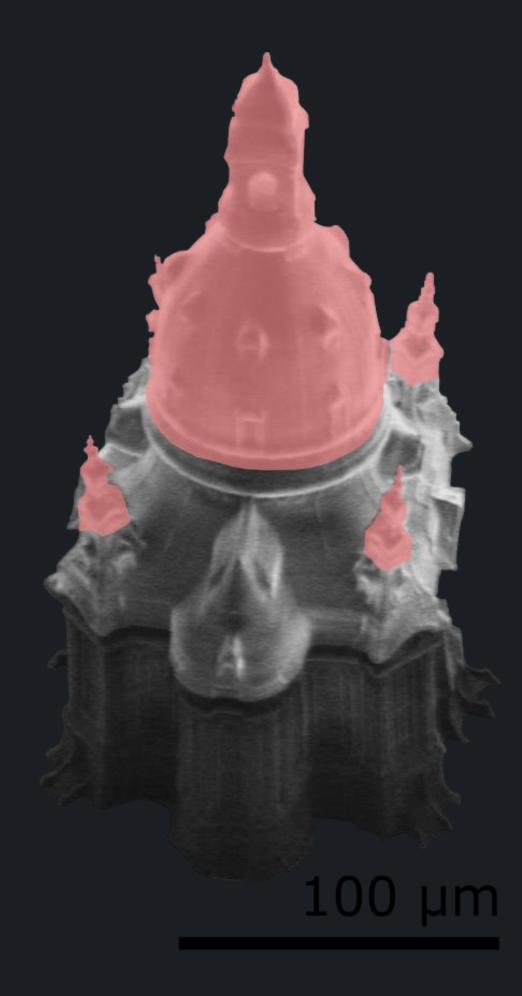
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aufgrund eines Beschlusses des Deutschen Bundestages















