



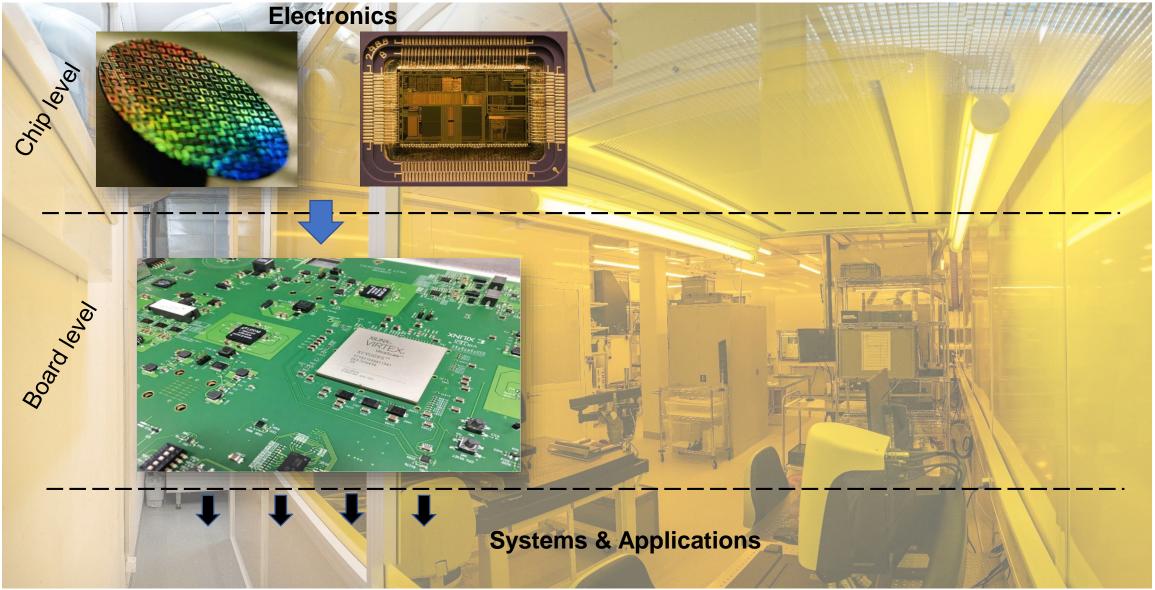
Who we are





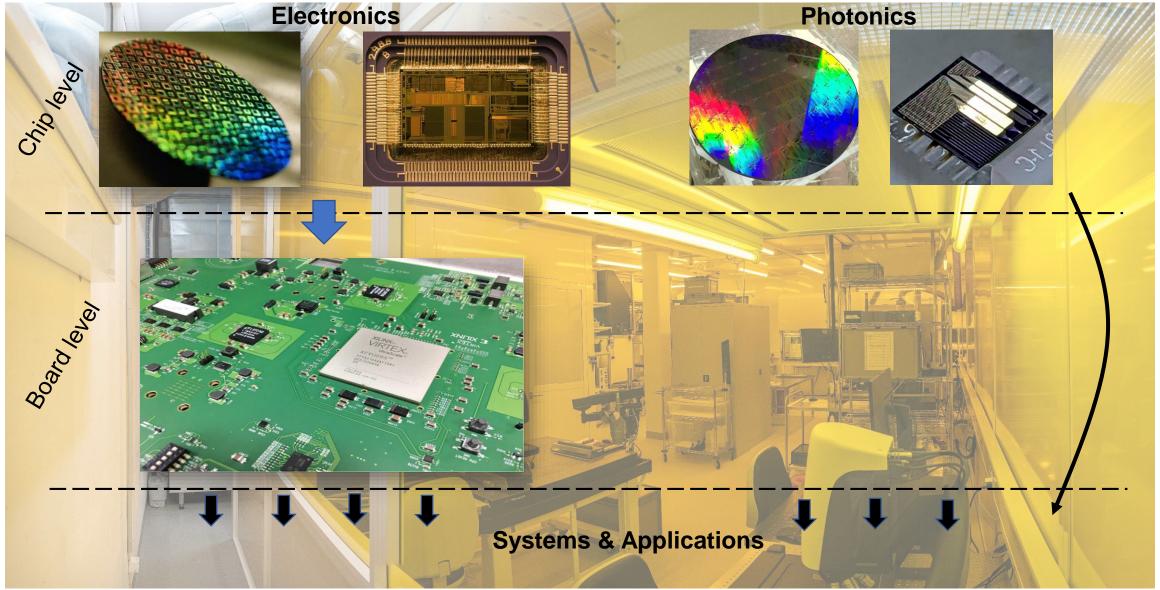
Photonic Boards?





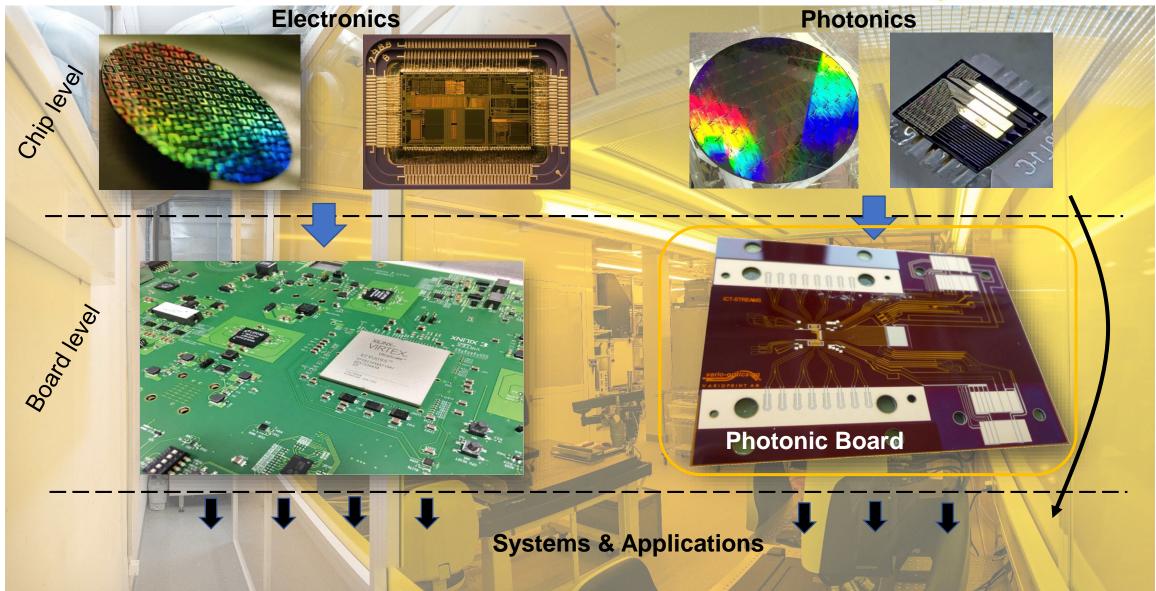
Photonic Boards?





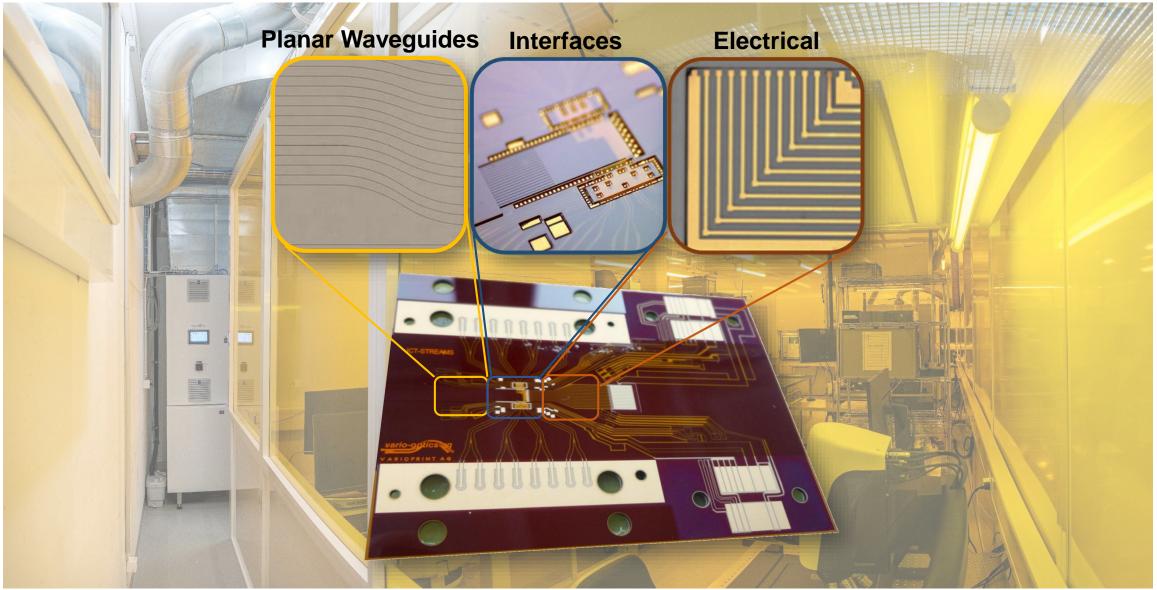
Photonic Boards?





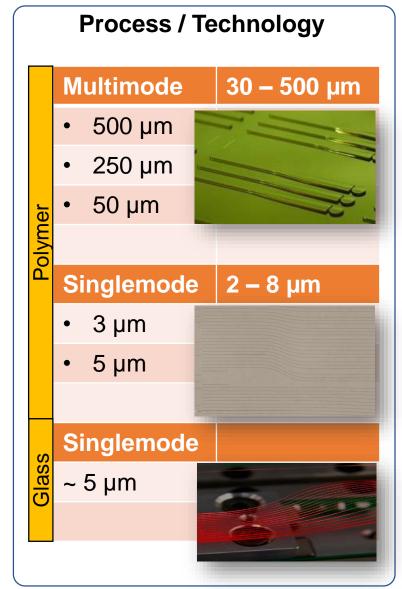
Photonic Boards

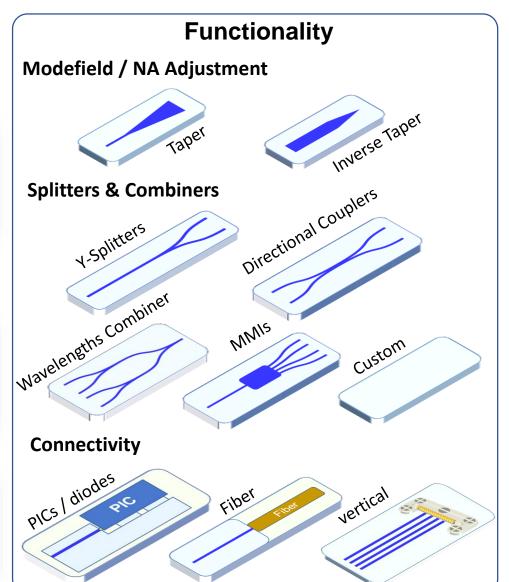


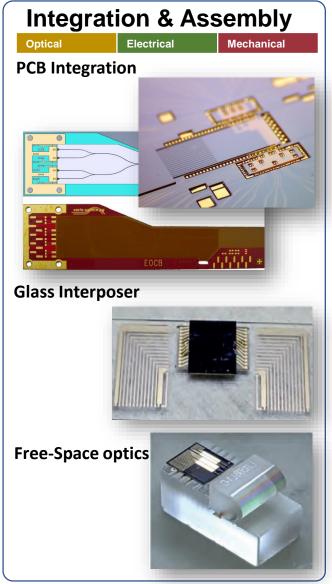


vario-optics Waveguide Technology Portfolio > 15 years of Waveguide R&D Know-How





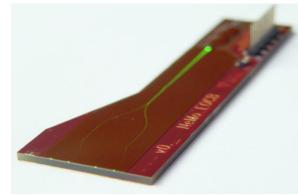


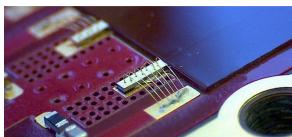


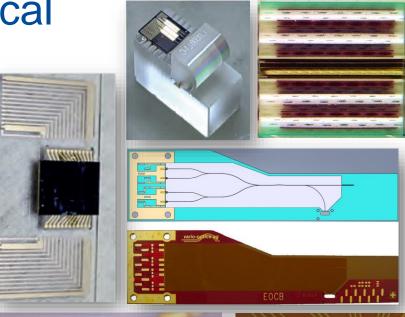


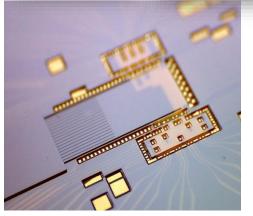
Why electro-optical co-engineering?

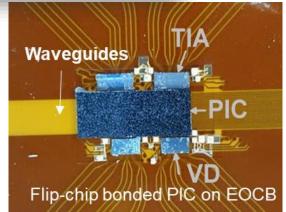
(+mechanical) + thermal

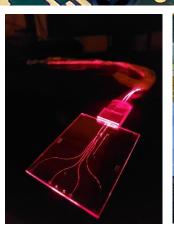








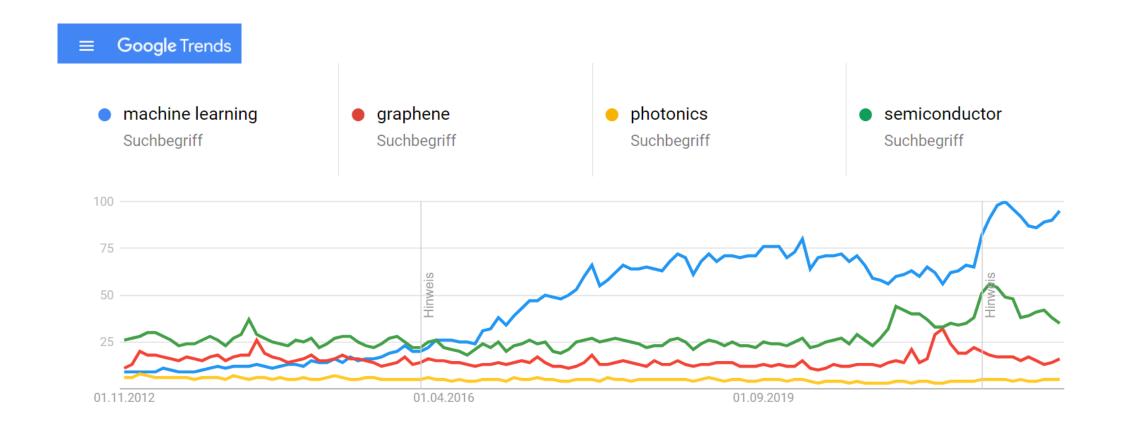






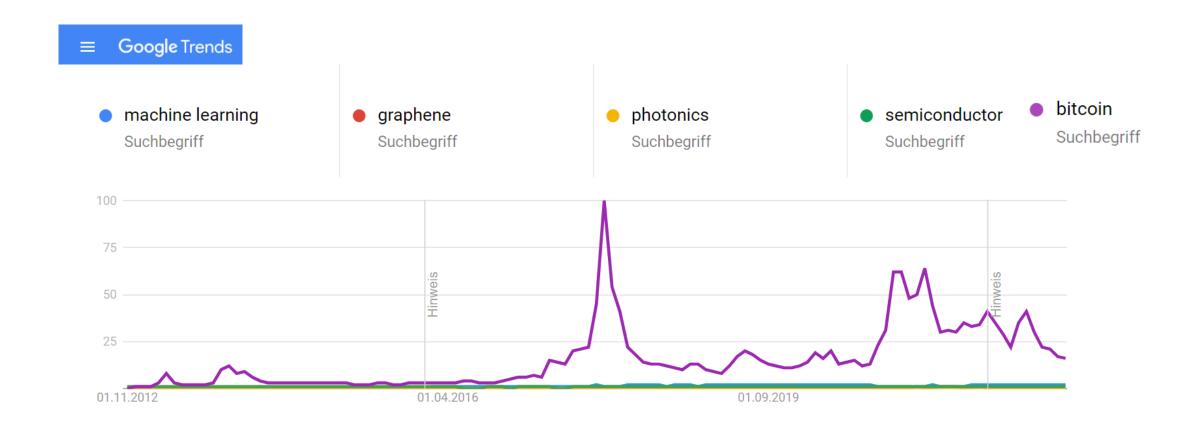






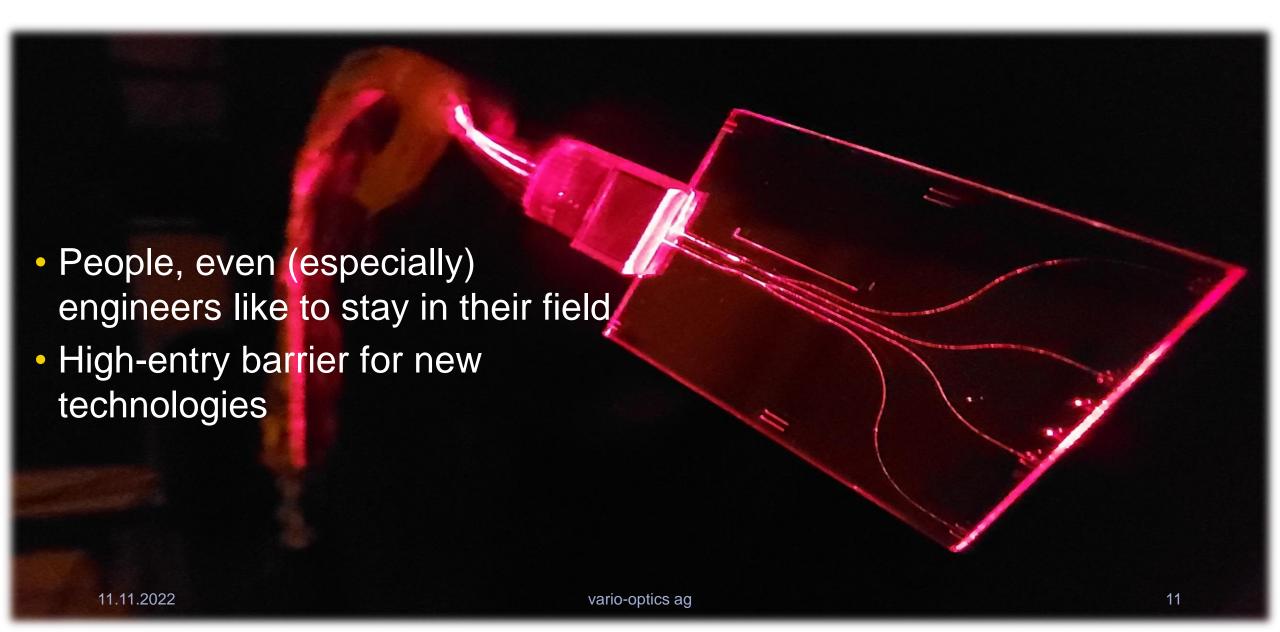






Lesson 1: «Photonics» is not known well





Lesson 2: Co-Engineering



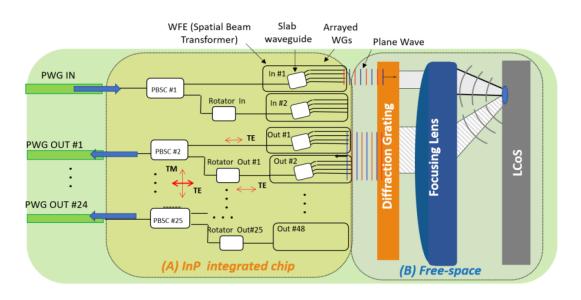


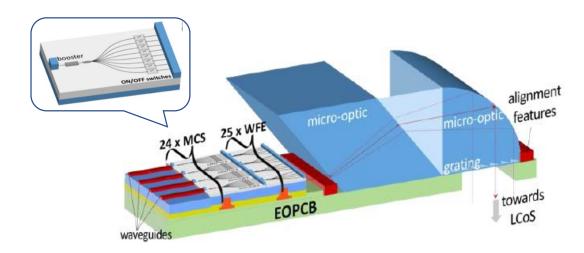
Example: ICT-QAMeleon

Reconfigurable Optical Add/Drop Multiplexer (ROADM)



Hybrid InP-LCoS 1x24 WSS



































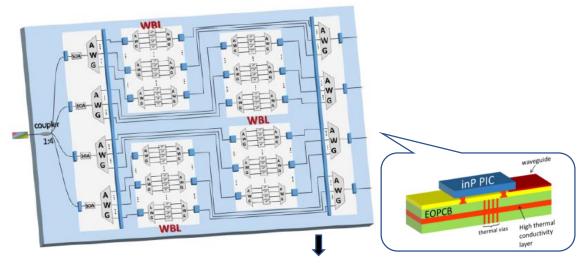


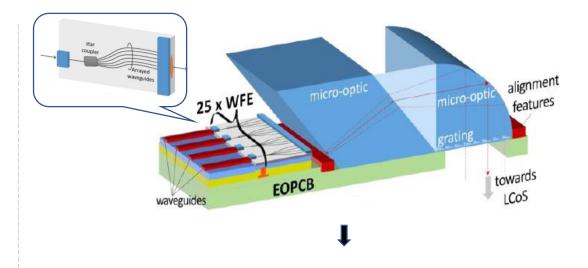
Example: ICT-QAMeleon

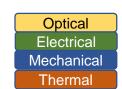
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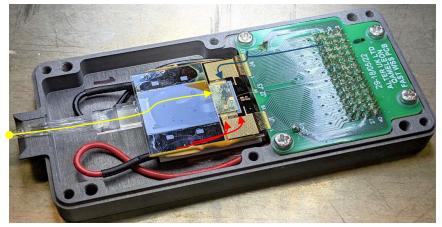
Reconfigurable Optical Add/Drop Multiplexer (ROADM)

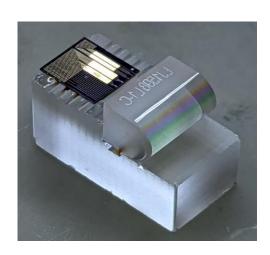
Hybrid InP-LCoS 1x24 WSS









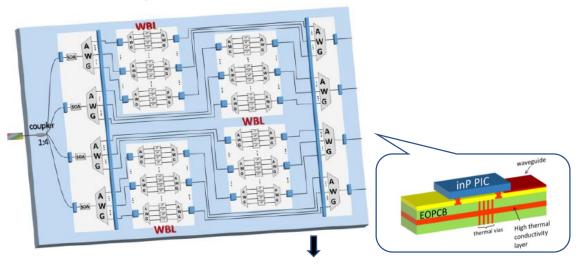


Example: ICT-QAMeleon

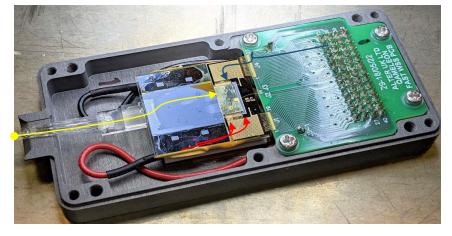
Reconfigurable Optical Add/Drop Multiplexer (ROADM)

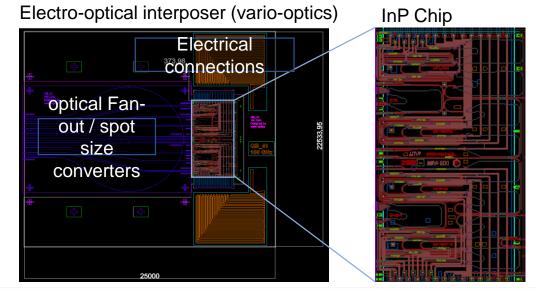


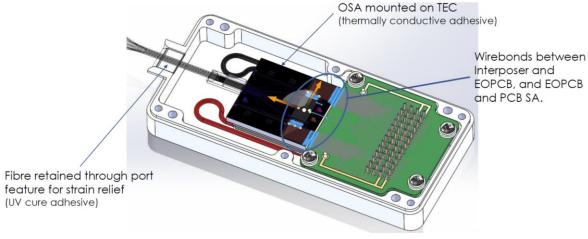
Hybrid InP-LCoS 1x24 WSS



Optical
Electrical
Mechanical
Thermal

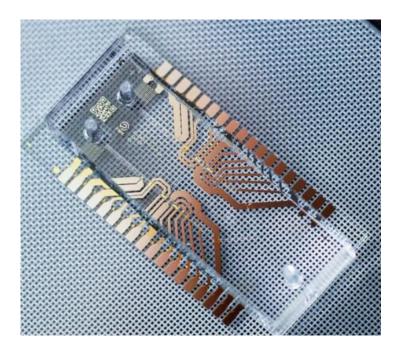


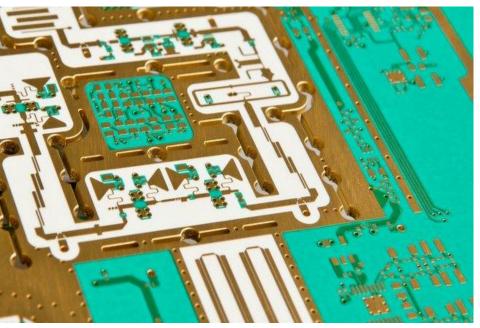


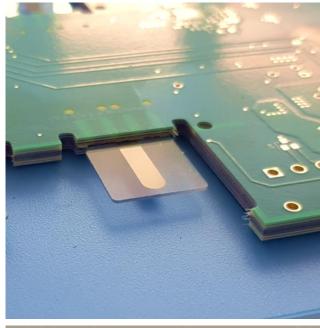


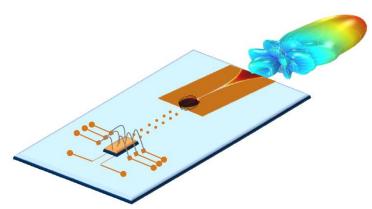


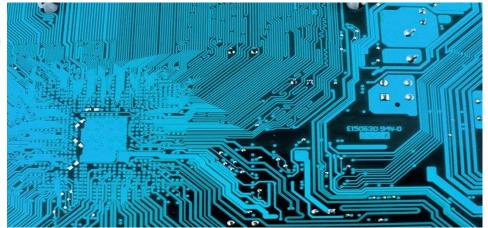
Lesson 3: There are many things in common!

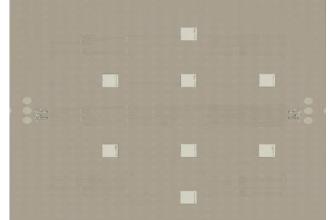










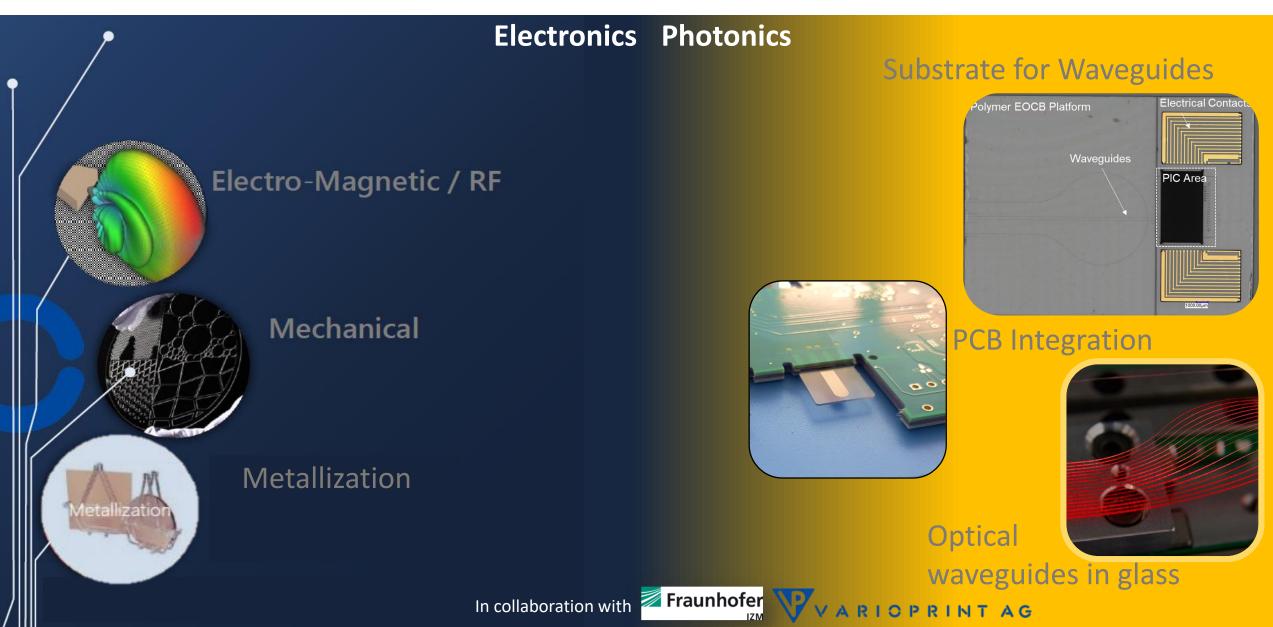


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Example: Glass







Lesson 3: There are many things in common!



Mechanical Precision for Integration

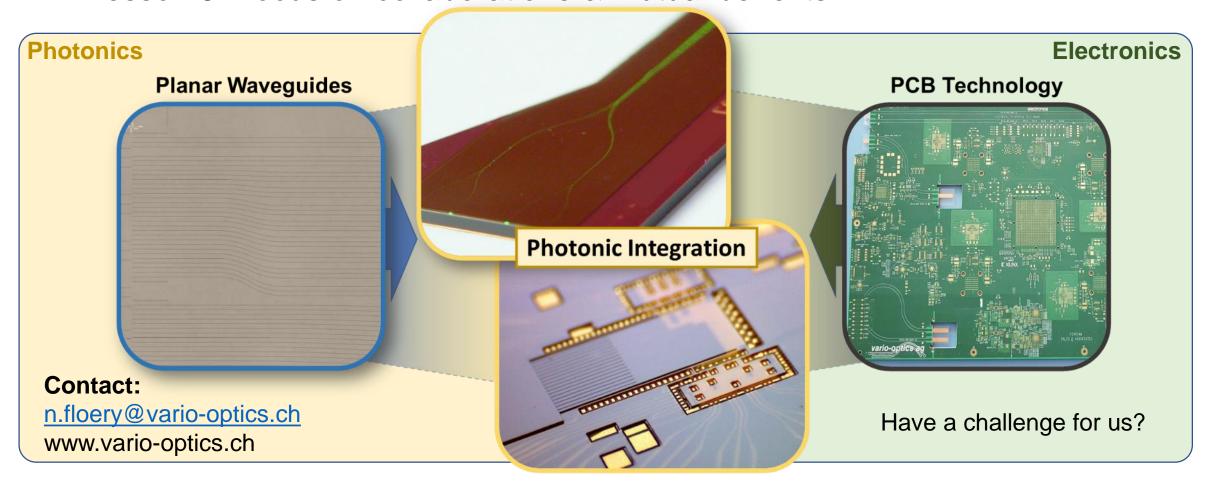
High-Speed RF Boards to drive PICs

Avanced Materials & Processes

Wrap up & Take aways

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- Lesson 1: advertise Photonics!
- Lesson 2: Co-Engineering starts in the design phase
- Lesson 3: Focus on collaborations & mutual benefits





The Future is Bright!

