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**Optical Valley**



# 1806



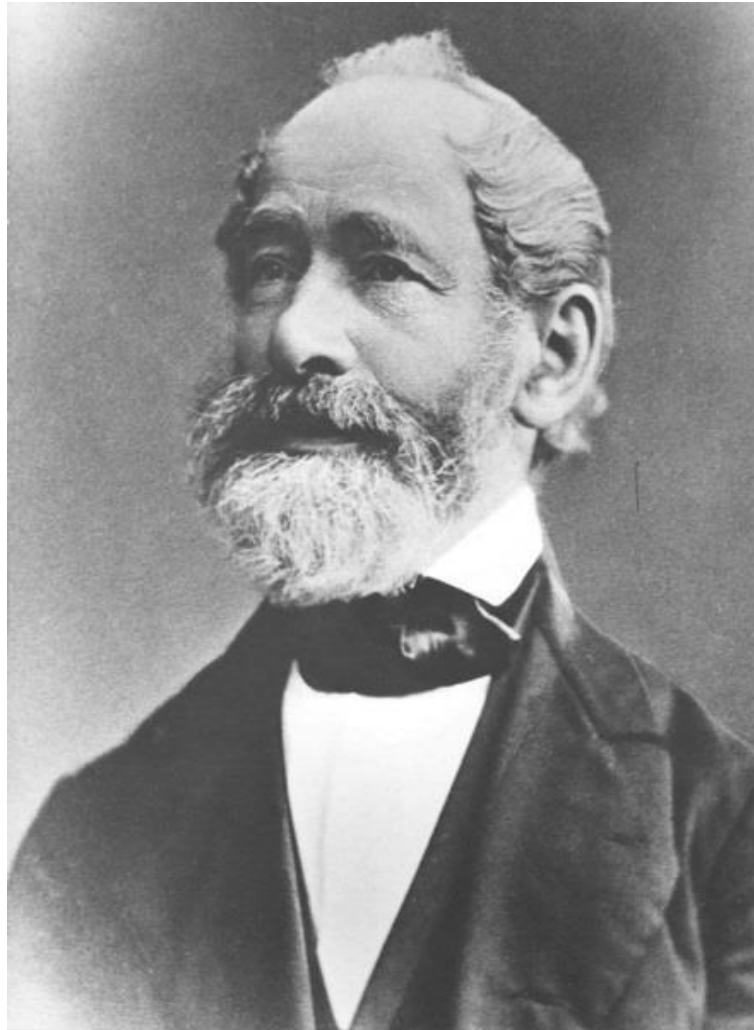
Napoleon



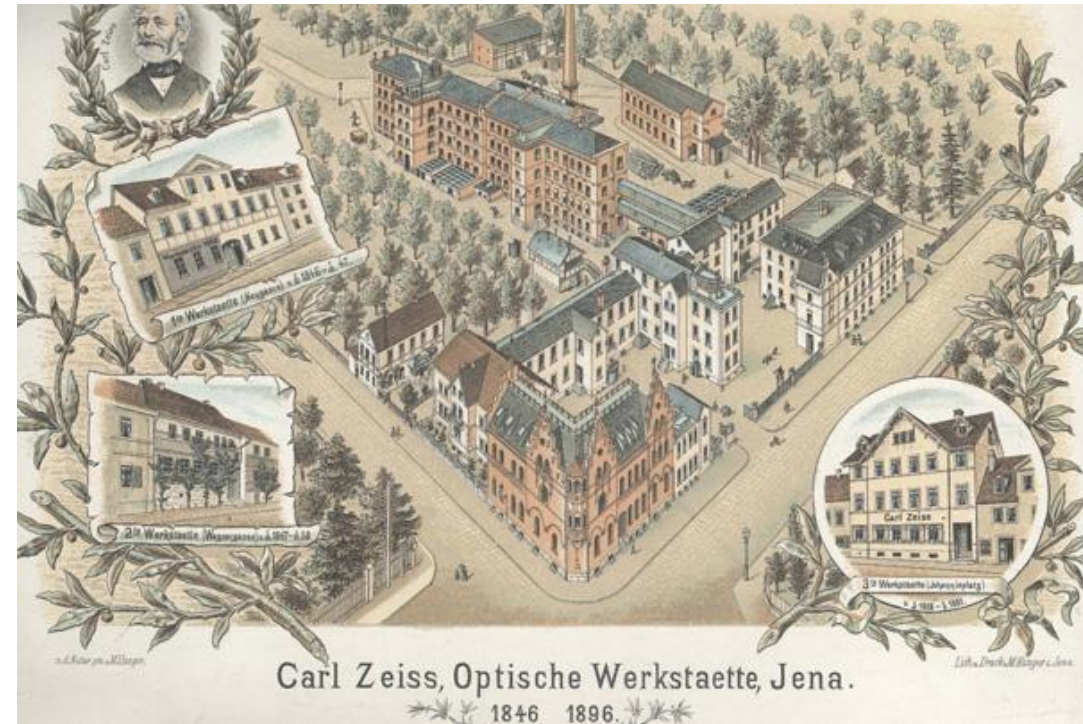




# 1846



Carl Zeiss  
microscope (1879)



1945

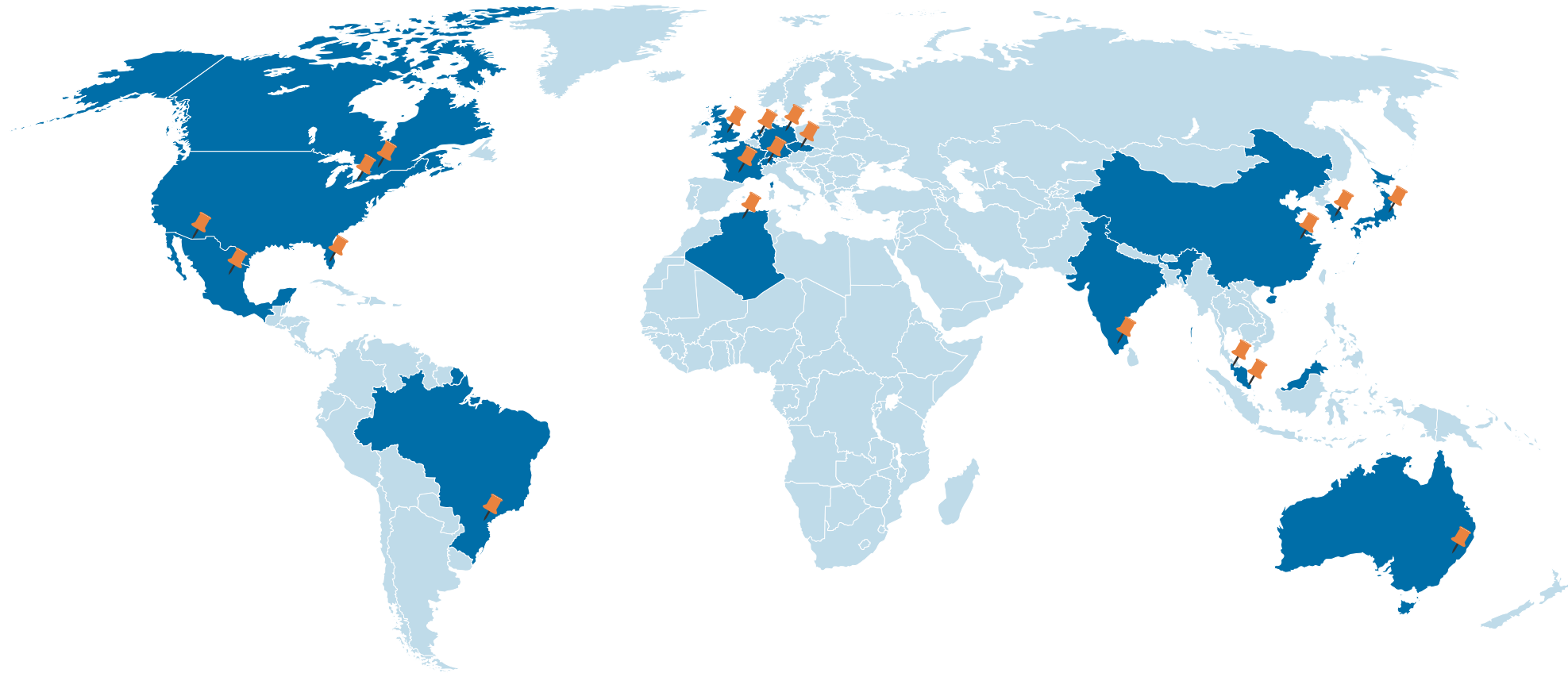
**ZEISS**



1989



1991



3700 people – 800M€ Revenue

150<sub>years</sub>

**Optic & Photonics**





**Automotive**

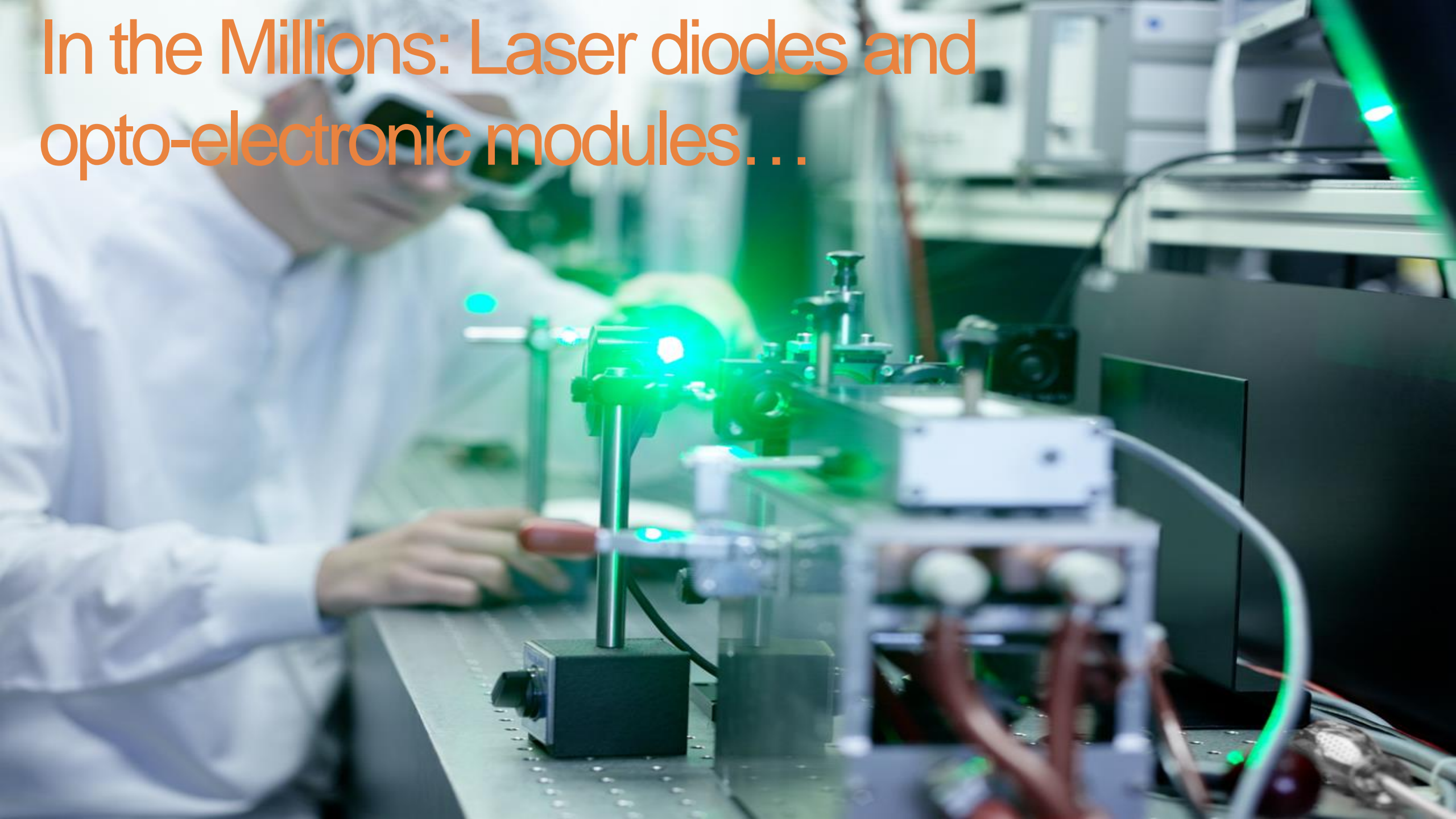


In the hundreds: Laser  
processing solutions

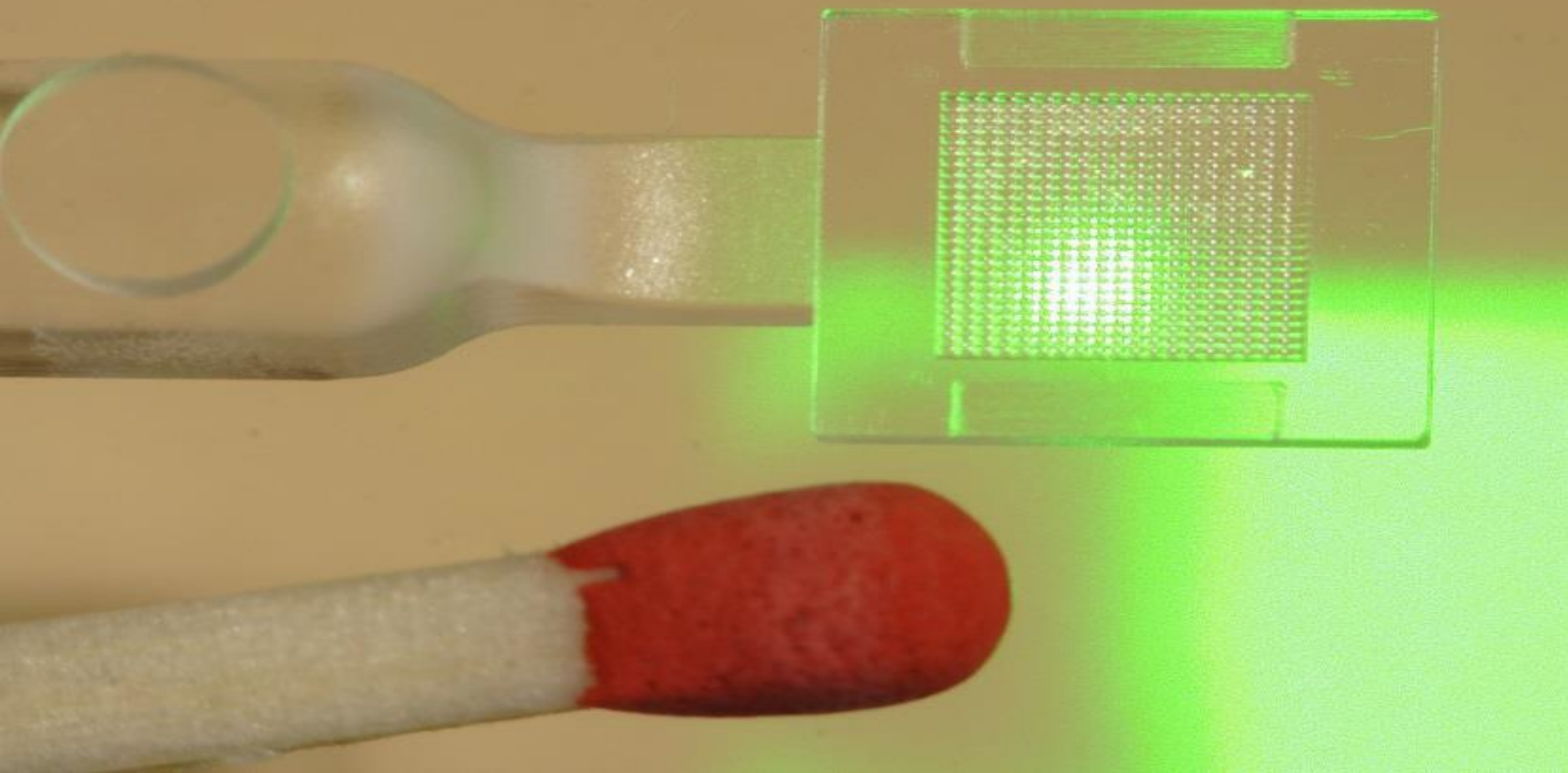




In the Millions: Laser diodes and opto-electronic modules...



# Micro-Optic components





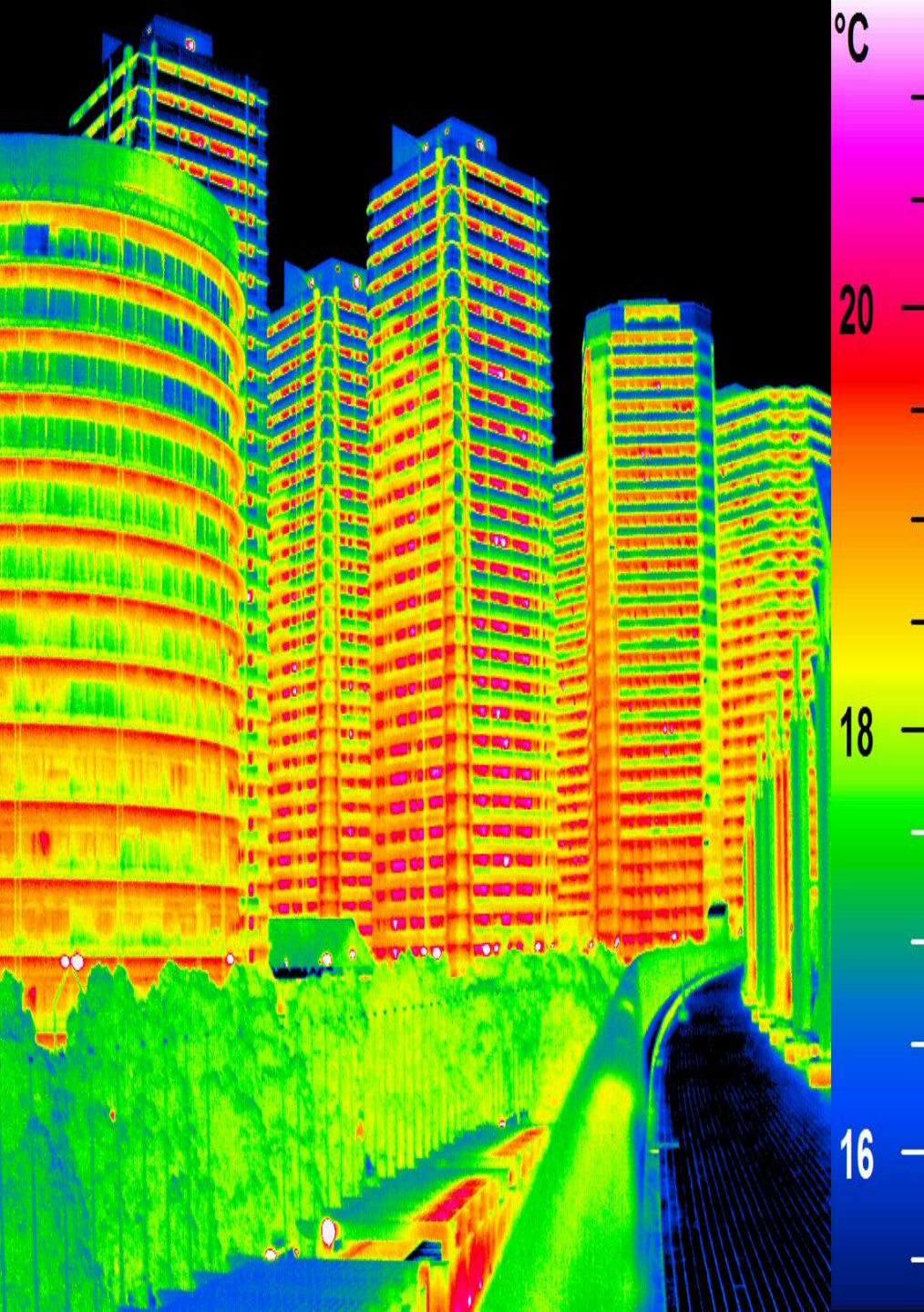
# Special glass & polymer lenses, filters, coating...



# Highly complex freeform optics ( $\mu\text{m}$ )







# IR Infra-Red / Night Vision Sensors



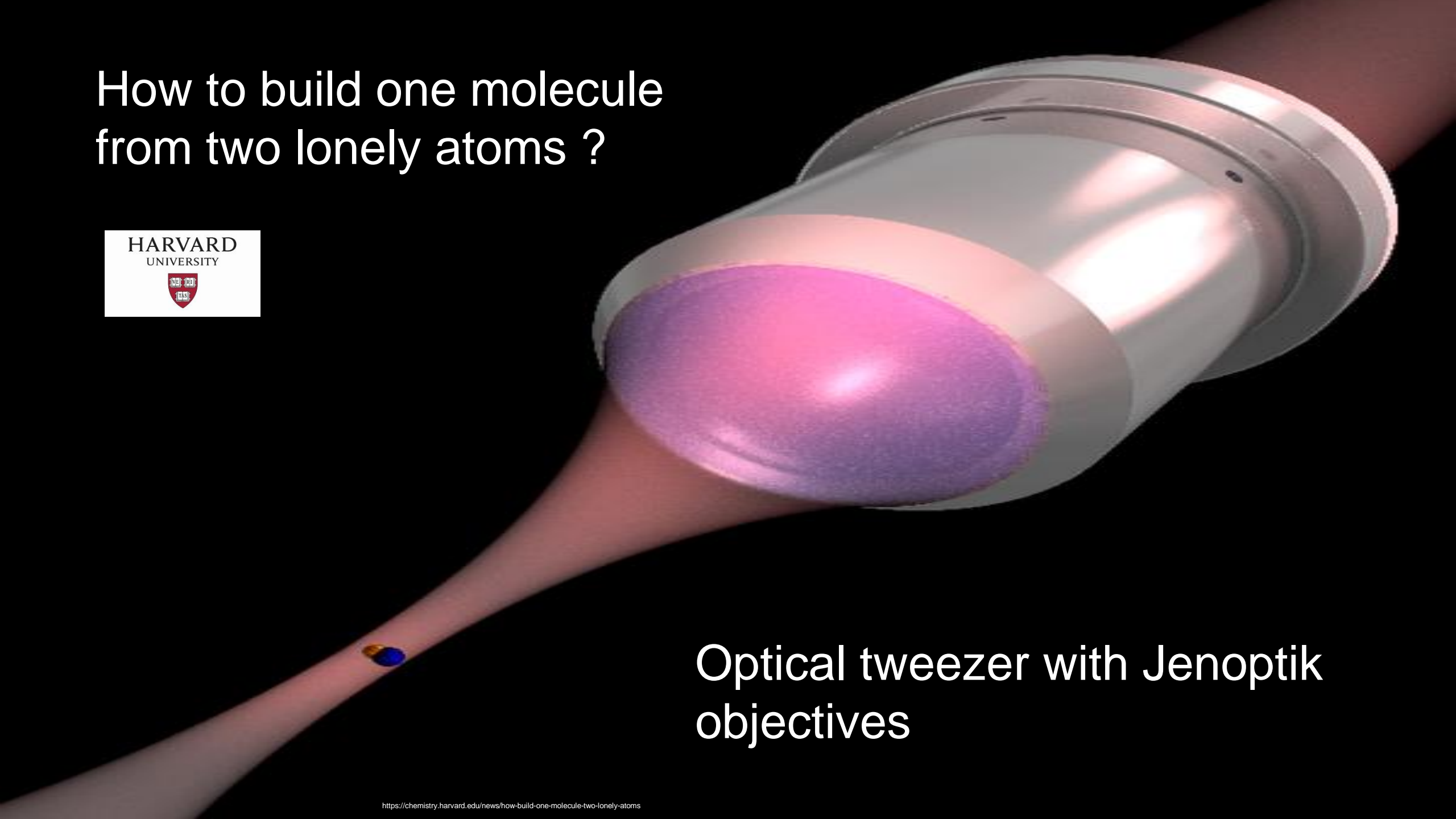


# Why do companies come to Jenoptik?





# How to build one molecule from two lonely atoms ?



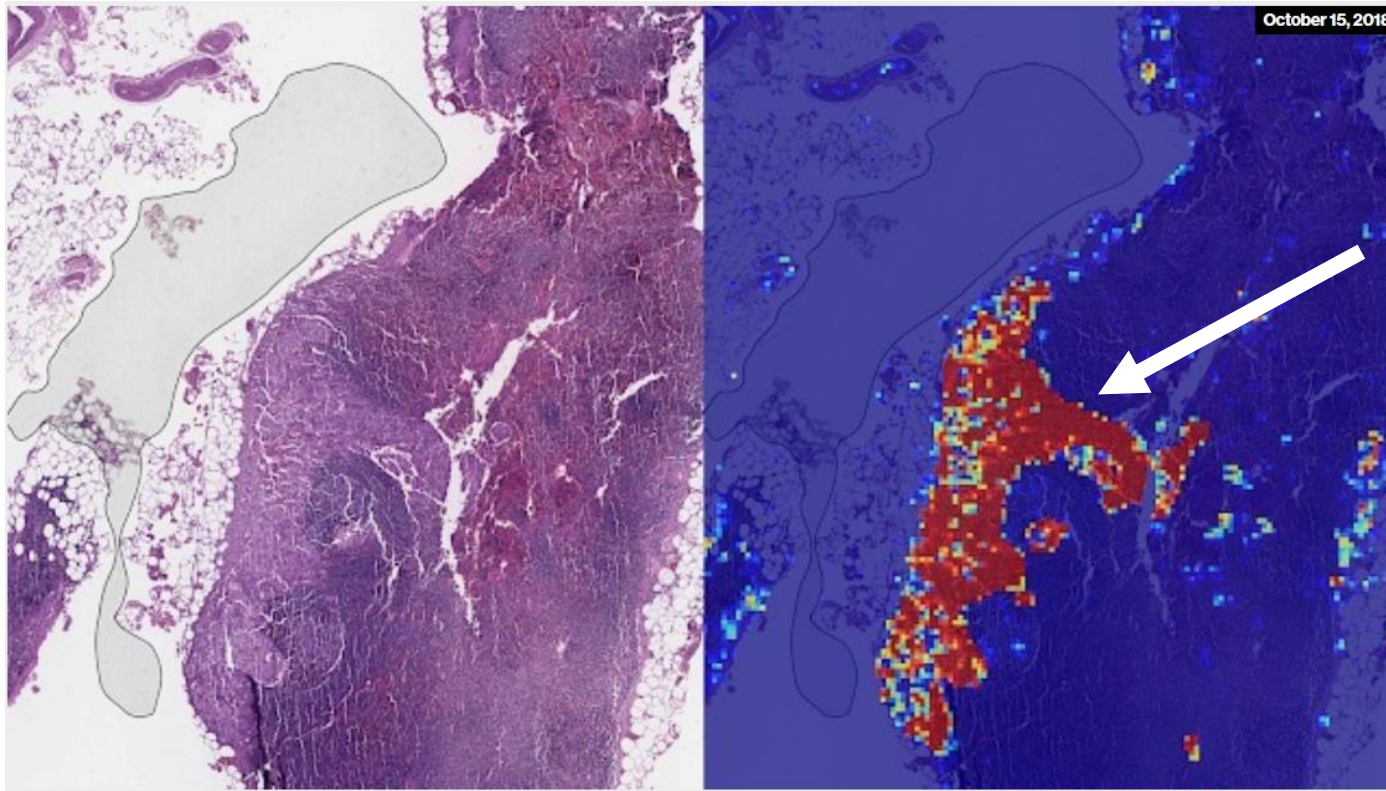
## Optical tweezer with Jenoptik objectives

# How to better spot cancers using AI & standard microscope ?

Google Project

Human

Up to 50%  
failure



Extra digital  
overlay

1% failure



# ADAS & LiDAR



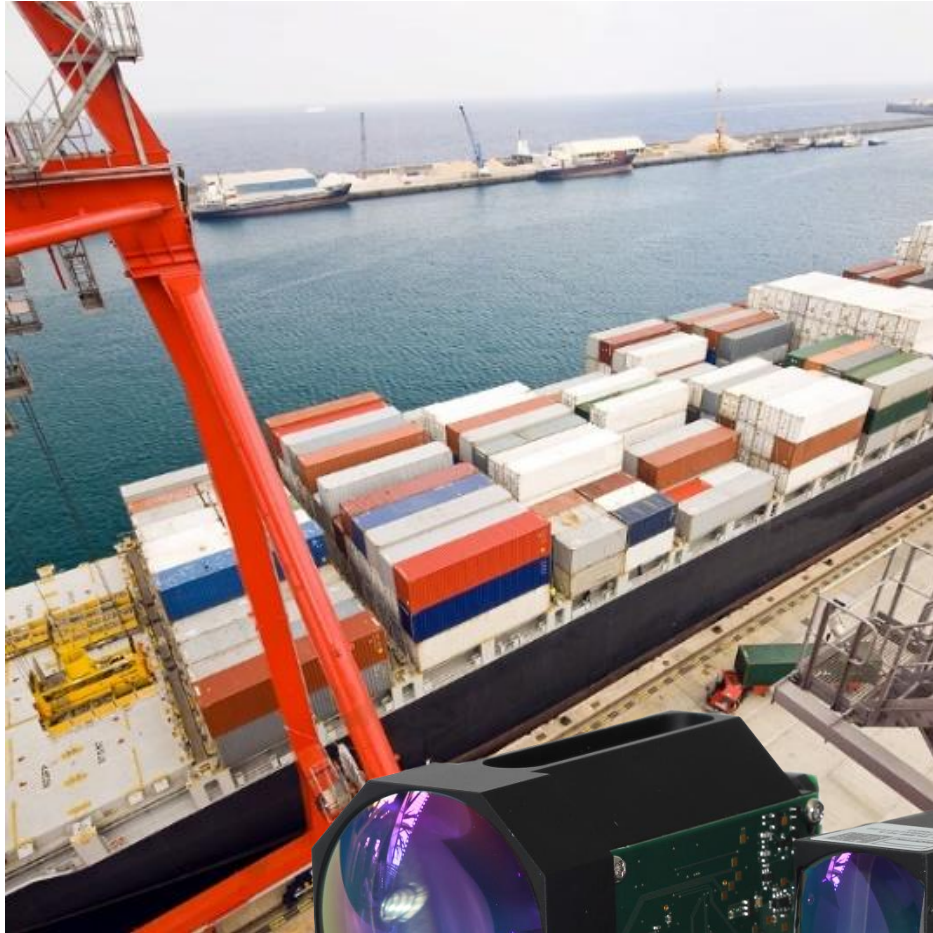
Russian T-72

40 Years of LiDAR





# Hundreds of LiDAR Applications



# 3D Solid State LiDAR



Small object detection  
with low reflectivity





Experience meets innovation

Our sensor technology goes 3D





# COMPLEX OPTIC AUTOMOTIVE REQUIREMENTS ? TALK TO US + PPT TMW AT 10:30AM

Talk to our Automotive KAM - Jan Heller | [jan.heller@jenoptik.com](mailto:jan.heller@jenoptik.com) | +49 3648 2 45107

Visit us at  
our Booth

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