JENOPTIK

MORE LIGHT

Jenoptik LIDAR Technology and Applications

EPIC Online Technology Meeting April 14th, 2020

Speaker: Peggy Dietrich

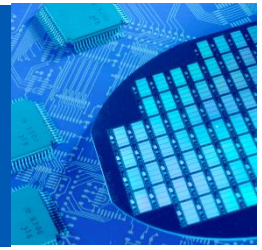
Jenoptik LIDAR Technology and Applications
What is Jenoptik Doing

28 years of experience in developing and manufacturing photonic solutions

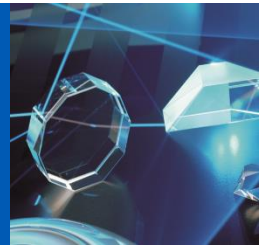
Cutting-edge technology base

Known for a **broad portfolio** of sophisticated components, modules and subsystems

Well known for matching **performance-critical solutions**

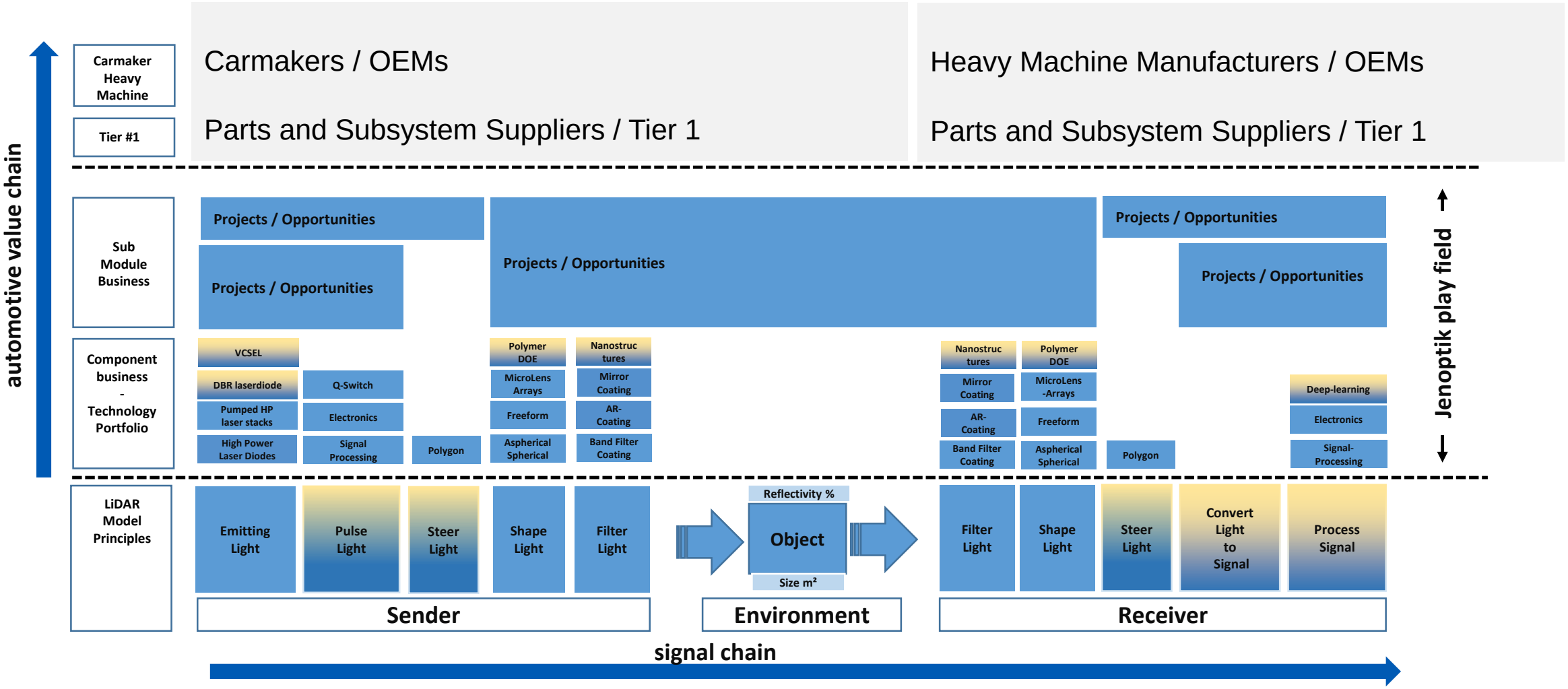


Worldwide leading optical systems and high-precision glass and polymer optics



Reliable and innovative partner for **today and tomorrow**

Jenoptik LIDAR Technology and Applications
Development and Production Partner for LiDAR Components and Modules



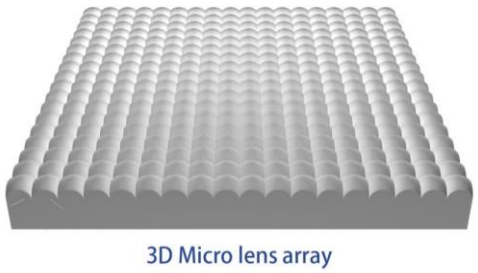
Jenoptik LIDAR Technology and Applications
What Jenoptik look for

Partners which are interested to improve their LiDAR System with the Know How of Jenoptik.

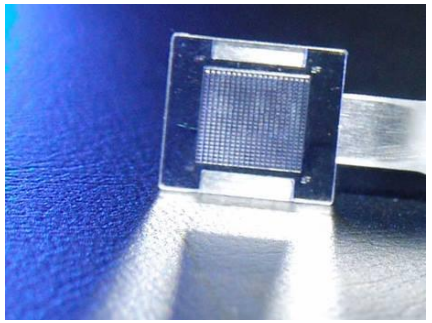
Aspeheric lenses

High-precision:
Achieve global dimensional accuracy of PV[1] < 1µm
micro roughness of Ra < 10nm

Microlens Arrays

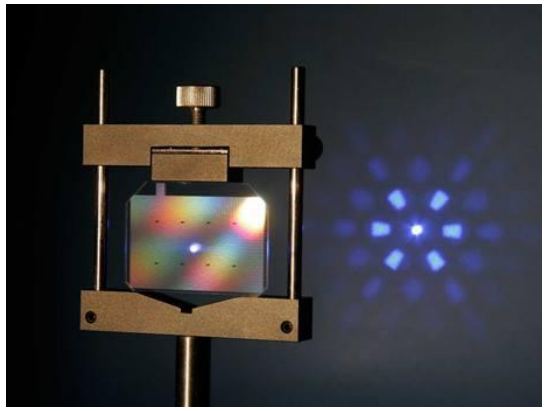


Source: http://www.highlightoptics.com/en/Product/117.html



Precise coverage:
Both sides of the array can be aligned toward one another with high precision in the sub-µ range

Diffractive Optical Elements (DOE)



Flexible:
DOEs allow the user to control the phase across the aperture precisely and make complex intensity profiles

[1] PV = peak of vale

Thank you for your Attention

Peggy Dietrich

Product Manager LiDaR Components

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