SPACEOPTIX

Ultra-precise Metal Optics for Earth Observation and Optical Communication Applications

Dr. Matthias Beier

CEO & Co-Founder

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SPACEOPTIX KEY FACTS

- Spin-Off from Fraunhofer IOF, founded 03/2020
- Technology transfer from applied research to industrial production of high-quality metal optical components and systems
- 3200 m² manufacturing area, space-qualified process chain

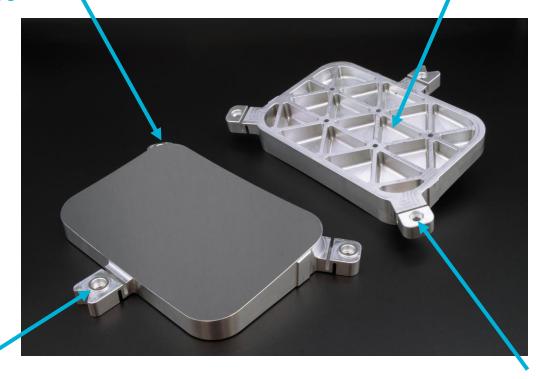


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WHY SPX METAL OPTICS?

Component metrology

Light-weighting of mirror substrate



AIT aspects

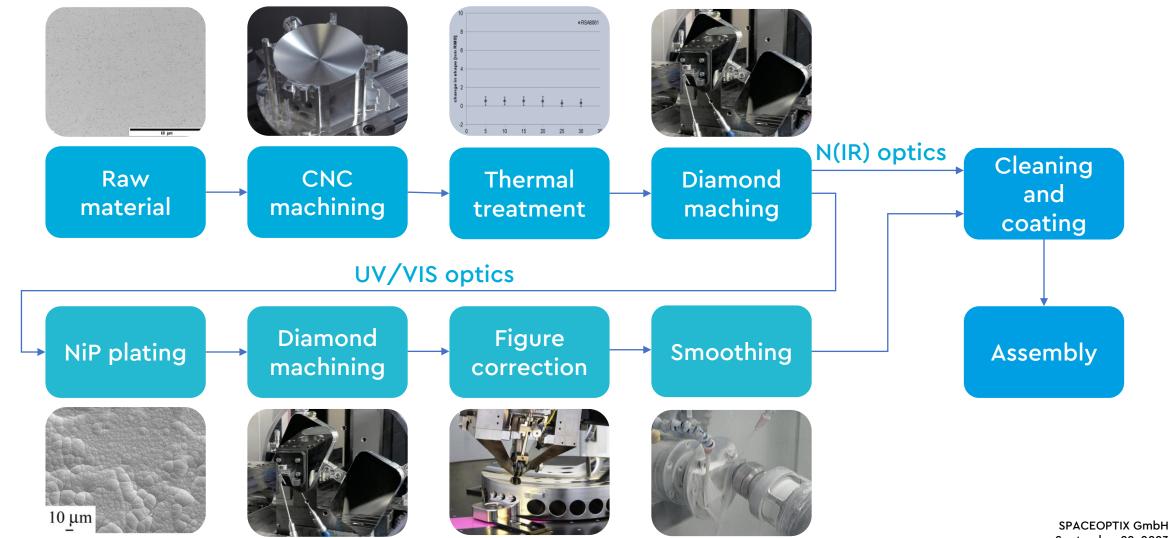
Mirror mounting

BENEFITS

- High optical quality
- Compact size
- Reduced costs
- Scalability to high volume production
- Freeform capable
- Space proven TRL=9 heritage

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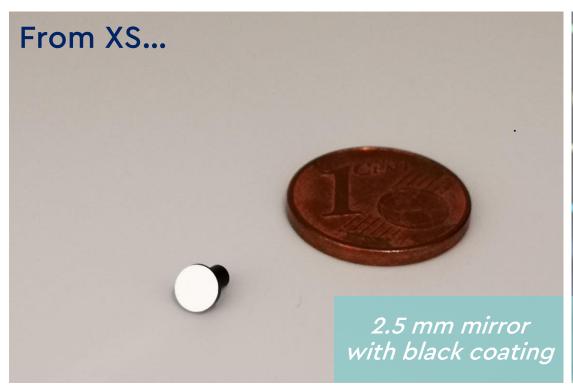
METAL OPTICS PROCESS CHAIN



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VISION & TECHNOLOGY (1)





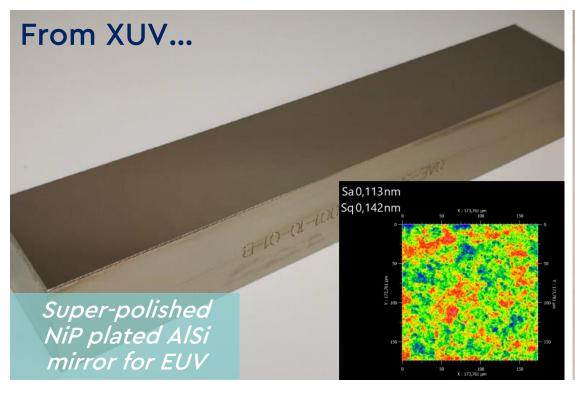








VISION & TECHNOLOGY (2)





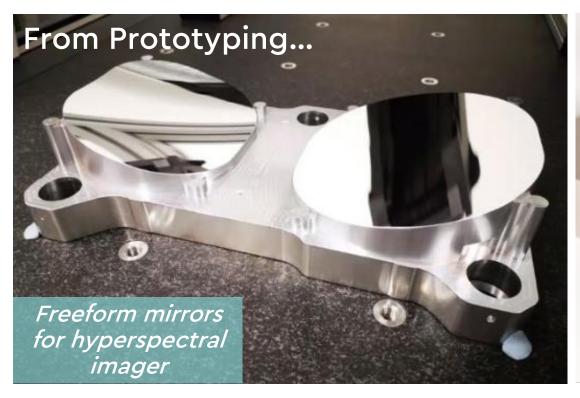


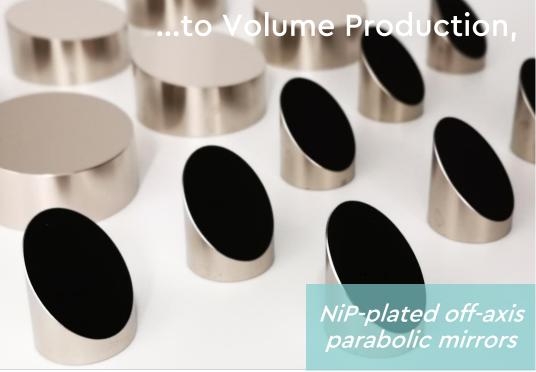






VISION & TECHNOLOGY (3)





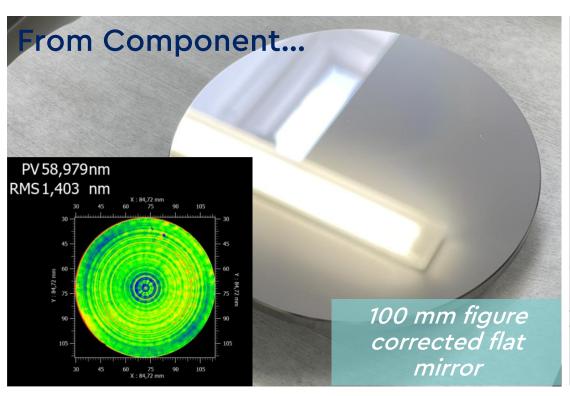








VISION & TECHNOLOGY (4)











PRODUCTS AND CAPABILITIES







Stock OptiX

Built-to-print manufacturing

Co-Engineering & **Cooperation Projects**







SPACEOPTIX GmbH September 22, 2023

SPACEOPTIX

IT'S TIME FOR LAUNCH.



Thanks for your interest!

Contact us: info@spaceoptix.de















