



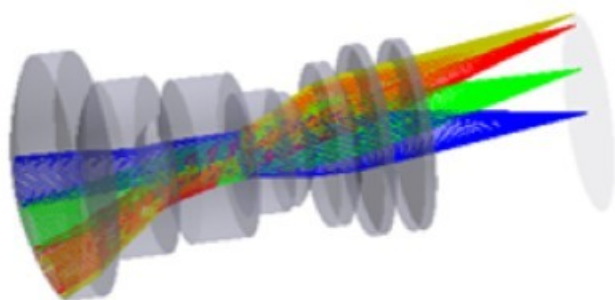
Optomech GmbH

Your specialist for optomechanis and
optoelectronics from Göttingen

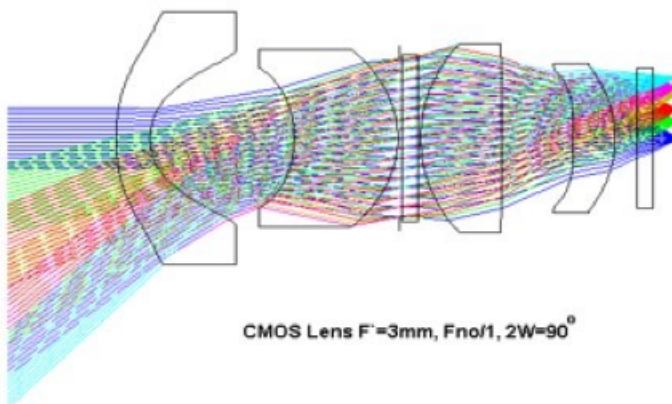


Optics design

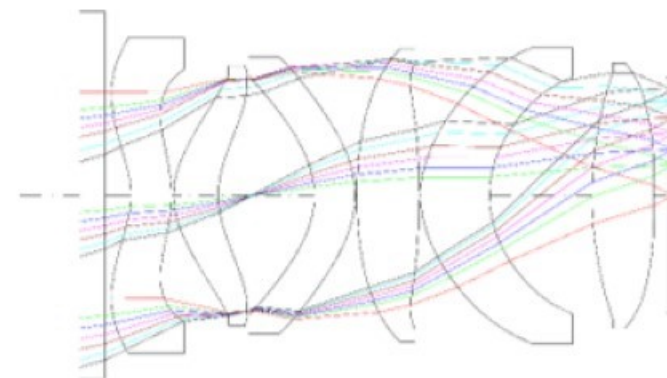
Development, Computer simulation, Tolerance calculation



CCD Lens $F=6.5\text{mm}$, $F/3.4$, $\text{FOV } 60^\circ$



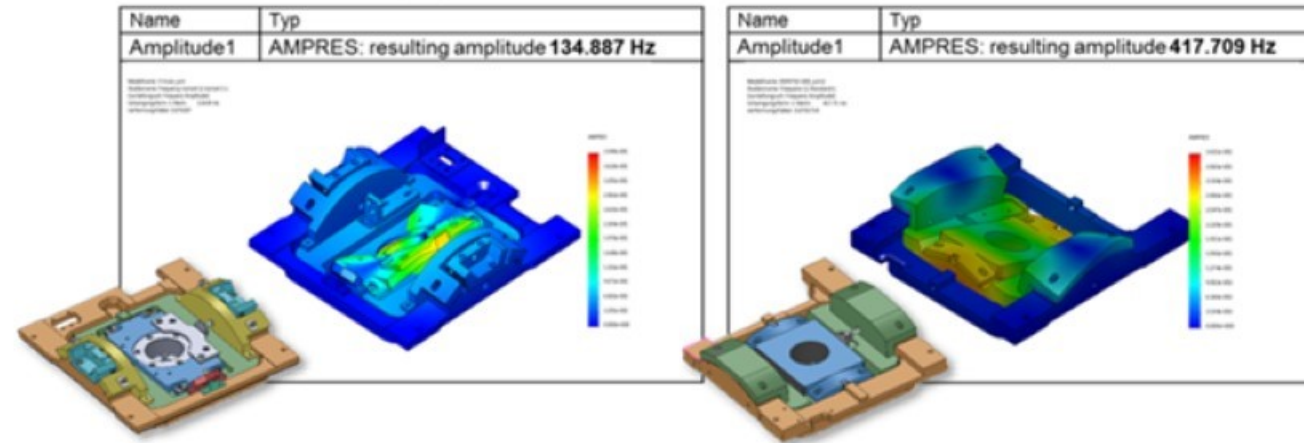
CMOS Lens $F=3\text{mm}$, $F/\#1$, $2W=90^\circ$



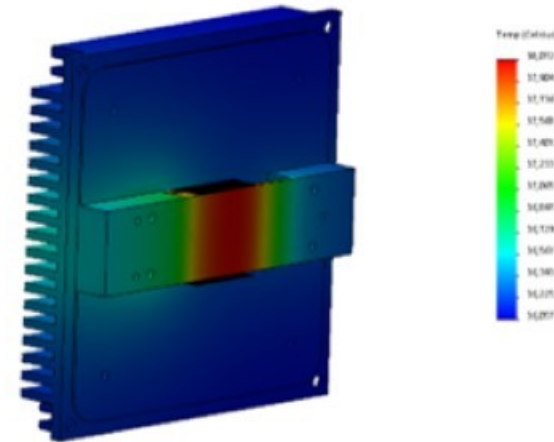
ens_F=26.6, $F/1.06$ Scale: 2.70 GUR 13-1

Mechanics analysis and temperature simulation

Resonant frequency
and static load analysis

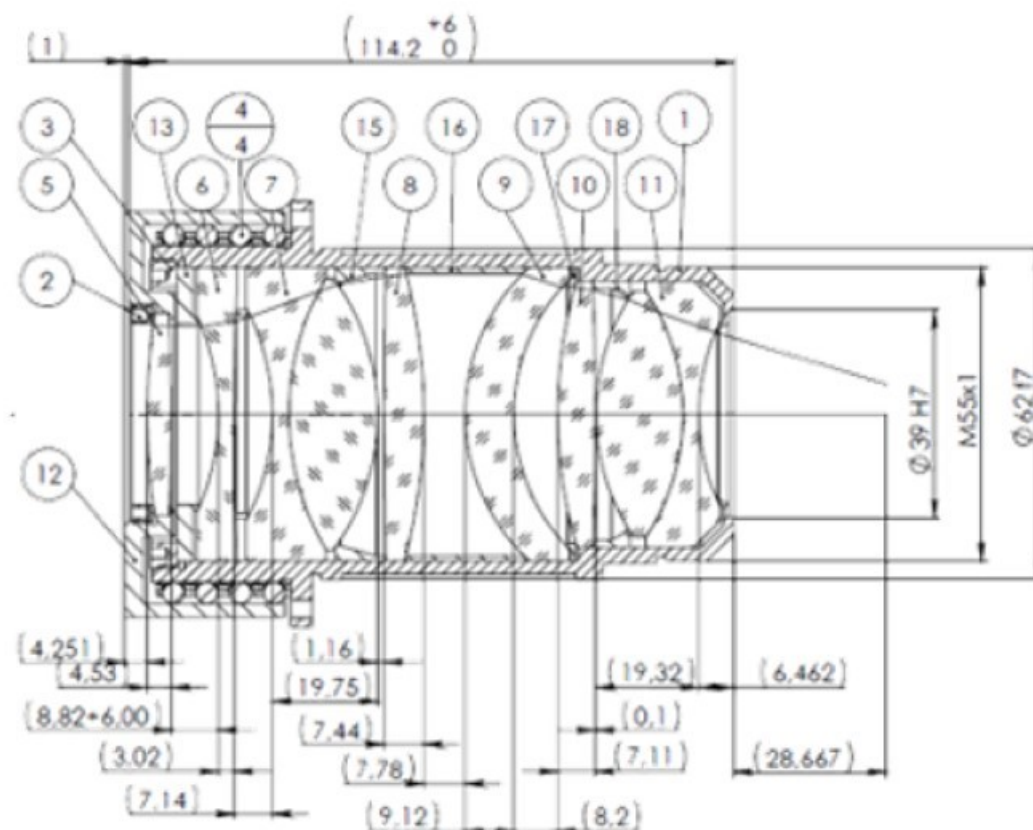


Temperature simulation with
proposals for design optimization



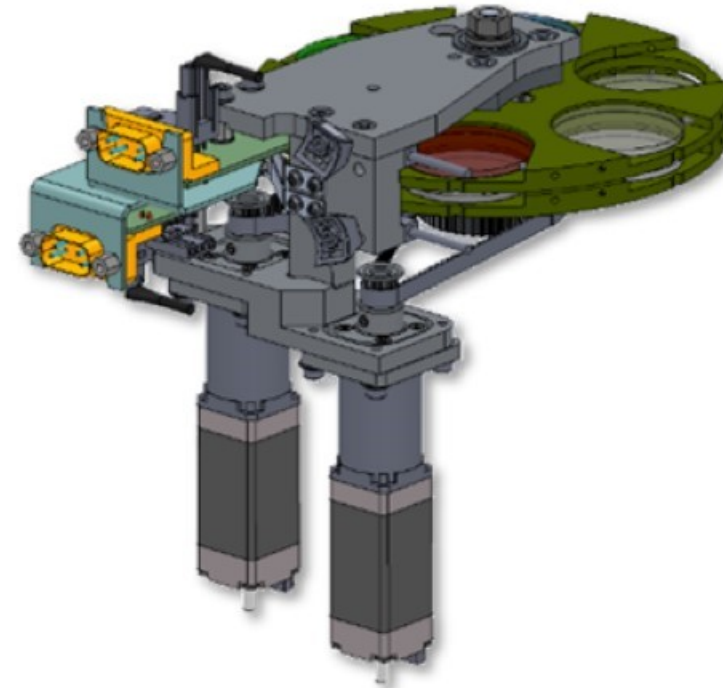
Optomechanics

Development, tolerance calculation
and construction of all types of optical
frames and mounds



Precision Mechanics

Design of precise positioning units,
schutters, device sockets and so on



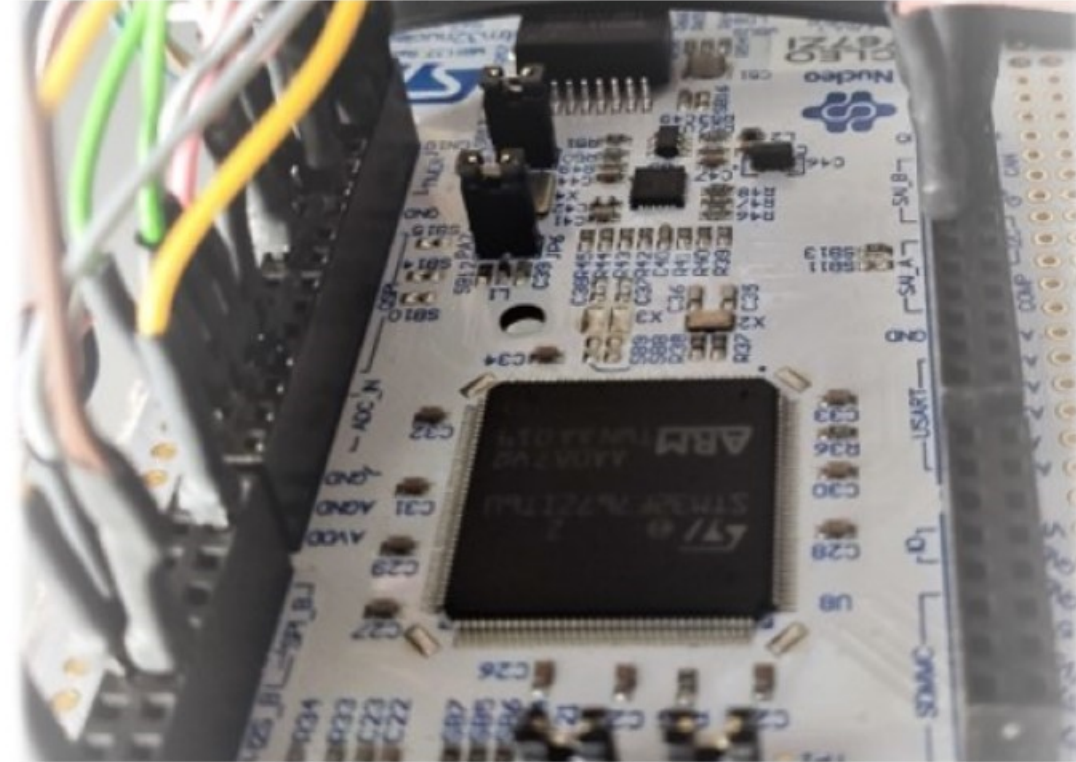
Lighting & Camera systems

Support and calculations of
lighting and camera systems
in various fields



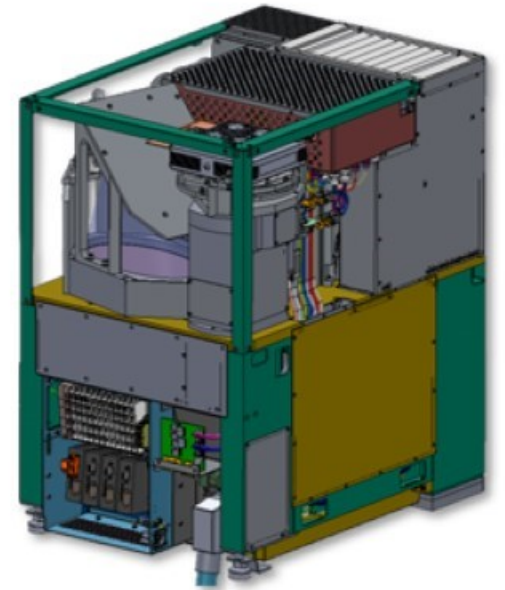
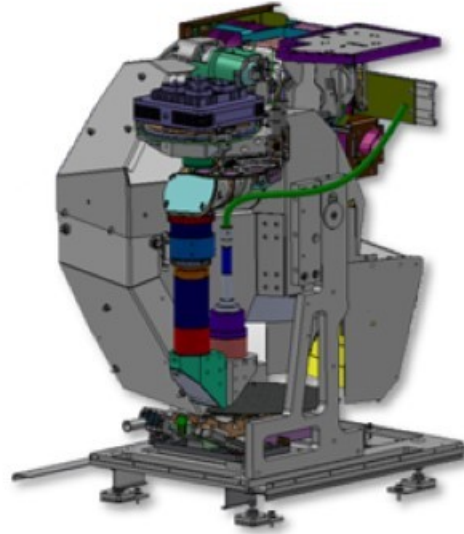
Optoelectronics & Electronics Development

- sensor and reporting components.
- PCB borts from Hardware development to programming



Support for the transfer to series production

- Design-to-cost optimization
- Assembly and adjustment tools



Assembly

Assembly of opto- and
precisionmechanical
components in our clean rooms
kl.9 and kl.6



CNC milling parts & turned parts

- Production of CNC milling and turned parts from plastics and aluminium
- Production from one component



Summary

FIELDS OF COMPETENCE

OPTIC DESIGN & FEM CALCULATION

- Optics designResonance
Frequency & Static Load
- Temperature simulation

DEVELOPMEN

- Precision mechanics
- Optomechanics
- Optoelectronics & lighting
technology
- device design

MANUFACTURING & PRODUCTION

- Optics manufacturing
- Mechanical manufacturing
- Transfer to series production
- DESIGN TO COST optimization
- Prototype & device
construction