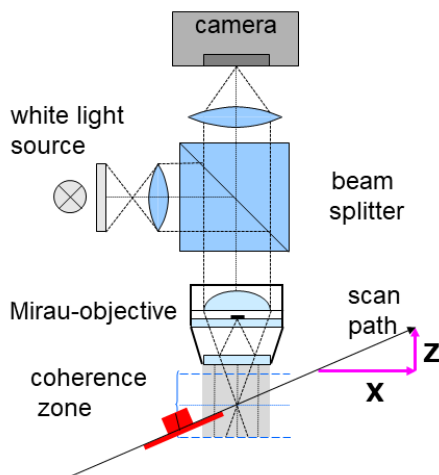


Research student

For assistance in the development of an in-process measurement system based on white light interferometry

a)

lateral scanning WLI (Olszak, 2000)



b)

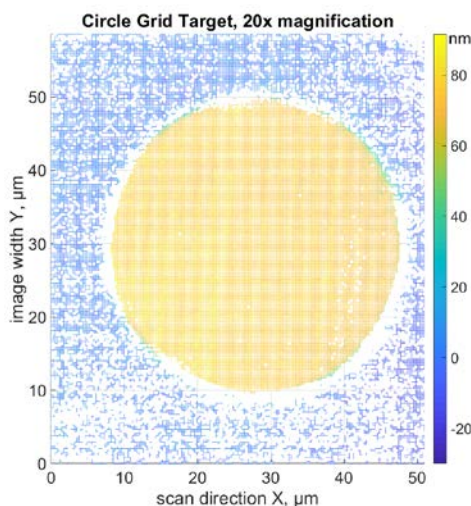


Figure 1: a) schematic drawing of a lateral scanning white-light interferometer b) Topography recorded with LSWLI. Diameter: 40 μm, height: 71 nm.

Task:

Collaboration and support of a research associate in a research project for the development of a white-light interferometric measuring method for in-process measurement of the surface topography of sheets and rolls.

The activities involve maintaining and advancing the software integrating new hardware into the setup and carrying out measurement campaigns.

Your profile:

- Student enrolled in MINT subject
- Strong interest in programming
- Creativity and independent working method

We offer

- Training in MatLab or Python
- Experience in development and implementation of a measurement method from laboratory environment to industrial application
- Insights into research cooperation with industrial partners

We expect:

- Workload of min. 30 hours a month
- Regular and motivated work
- Interest in a long-term cooperation

Fachgebiet 08:
Messtechnik, Automatisierung
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