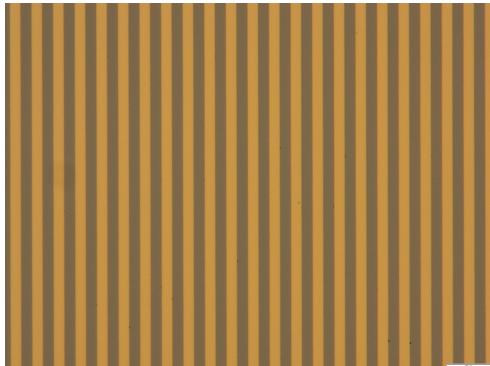


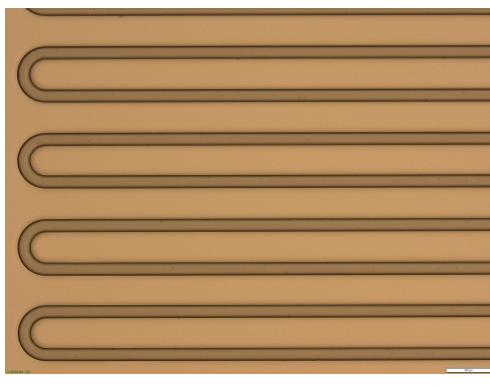
Optical Characterization

By optical microscopy, one can take pictures and measurements in bright and dark field with resolution below 1 μm . The microscope available in the MicroFabSpace is used to characterize microfabricated samples with applications in microelectronics and microfluidics.



Bright field images of:

- Interdigitated gold electrodes on silicon. 5 μm wide electrodes separated 5 μm .
- SU-8 microfluidic mould on silicon. 50 μm wide SU-8 structures separated 150 μm .



Dark field images of:

- Interdigitated gold electrodes on silicon. 5 μm wide electrodes separated 5 μm .
- SU-8 microfluidic mould on silicon. 50 μm wide SU-8 structures separated 150 μm .

On dark field we can observe sample defects and better contrast on edges. It is also useful for samples where bright field has poor contrast.

