



CERTIFICATE

Pavel Sedláček
DK Servis Mikro s.r.o.

Participated in the training:
**Fundamentals of microscopy and software
installation/operation for service partners**
25.07.2022 - 29.07.2022

Training Content

Theory

Overview about the Life Science and Industry Microscope Portfolio

Basics of optical image formation

Objective lenses line up

Optical resolution

Basic introduction to contrast methods in microscopy (bright field, phase contrast, differential interference contrast, simple polarisation, fluorescence)

Practical work

Setup microscopes (BX3, IX3, SZX and CX) and alignments for different contrast methods

Installation and basic operations of Olympus Stream, cellSens and PRECiV

- Software installation and configuration (software activation, device list, device settings)
- Imaging system alignments:
Camera parfocality adjustment, camera to stage rotation, shading correction,
XY magnification calibration
- System Restore Point creation
- Graphical user interface of cellSens, Stream and PRECiV and workflow guidance
- High quality Image acquisition
- Process manager (EFI, MIA)
- Simple interactive measurements

Peter Vander