

Day\Time	Day 1	Day 2	Day 3	Day 4	Day 5
9:00 – 09:45 45 min	Fundamentals, Navigating, Bits	Introduction to ML	ImageJ Macro Language	Batch Processing Introduction	x
09:45 – 10:30 45 min	Histogram, Display, LUT	Ilastik (hands-on)			x
10:30-10:45 15 min	Coffee	Coffee	Coffee	Coffee	Coffee
10:45 – 11:30 45 min	Channels, Z-stack, Calibration	Ilastik (hands-on)	ImageJ Macro Language	Batch Processing Customizing lif script + Watershed	x
11:30 – 12:00 30 min	Introduction to Object Detection, IA workflow	Single particle tracking (Trackmate)			x
12:00 – 12:30 30 min					x
12:30 – 13:30 60 min	Lunch	Lunch	Lunch	Lunch	Lunch
13:30 – 14:00 30 min	Segmentation, Threshold	Single particle tracking (Trackmate)	ImageJ Macro Language	Advanced Macro stitching-correction	x
14:00 – 14:30 30 min	ROI Manager, SOIX	Introduction to image analysis programming			x
14:30-15:00 30 min	Coffee	Coffee	Coffee	Coffee	Coffee
15:00 – 15:30 30 min	Watershed, Morphological ops	Introduction to image analysis programming	ImageJ Macro Language	Advanced Macro stitching-correction	x
15:30 – 16:00 30 min	Intro to ML with WEKA				x
16:00 – 16:30 30 min	Wrapping up, Examples, Image Analysis Ethics	<i>Introduction to DL</i> <i>Time dimension</i> <i>Alignment (Frap),</i> <i>Kymographs (Blebs)</i> <i>automation (Calcium)</i> <i>ICY Cell tracking (AC),</i> <i>ICY vs FIJI discussion</i>	<i>Deconvolution</i> <i>DeconvolutionLab2</i> <i>(hands-on)</i>	Discuss Day 5	Wrapping up

Per day: 450 min = 7h30min