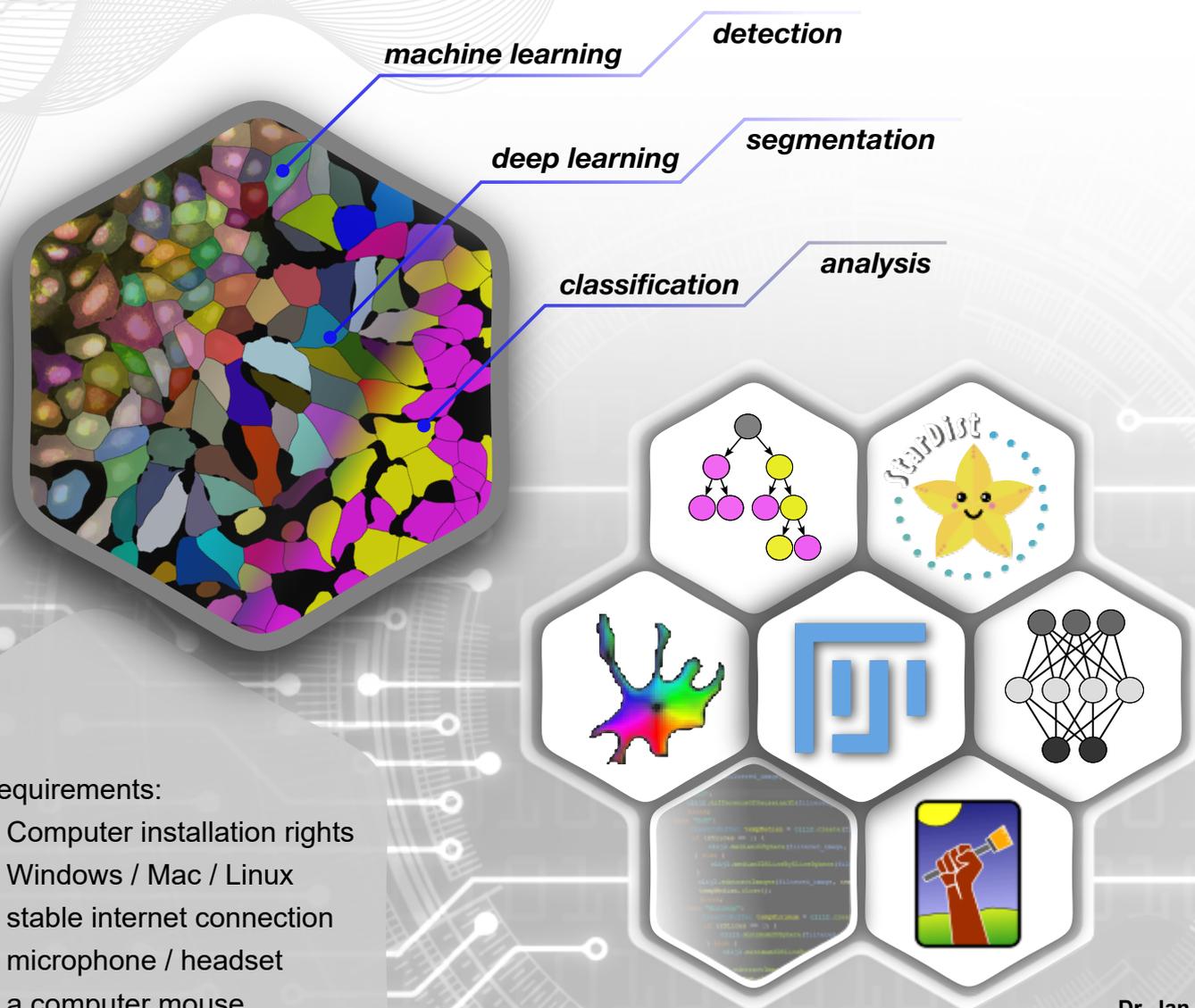


From Pixels to Patterns

Applying Machine Learning Tools for Advanced Image Analysis

- Hands-on Guided Exercises in Microscopic Image Analysis
- Key Concepts, Benefits and Limitations of ML in Image Analysis
- Integrating Fiji/ImageJ as Hub for Multiple Software Tools
- Training Pixel Classifiers for Precise Object Extraction
- Applying Pre-trained Deep Learning (DL) Models
- Deep Learning-Model Improvement for Non-Experts
- Customized Model Training for Specific Cases
- Classifying Objects Using Decision Trees for Targeted Analysis
- Connecting different Tools via Fiji for Streamlined Workflows



Requirements:

- Computer installation rights
- Windows / Mac / Linux
- stable internet connection
- microphone / headset
- a computer mouse
- best 2 monitors

Dr. Jan Brocher

web: <https://www.biovoxel.de>

mail: jan.brocher@biovoxel.de