Recent Advances in Super-Resolution Microscopy: From Technologies to Applications

1. The History of Fluorescent Microscopy

2. Choosing the Right Objective
   - Lenses Matching Applications

3. Fluorescence Imaging - The Spectral Dimension

4. FCS - The Cross Correlation

5. Principles of Super-Resolution
   - Improved Resolution, Speed and Sensitivity

6. Super-Resolution Imaging in Studying Cellular Function and Dysfunction

Date: March 18th, 2020
9:30 a.m.

Location: Beckmanns Hof
Universitätsstrasse 150
44801 Bochum

Participants please register via Email to: verian.bader@rub.de

Scientific coordinator:
Prof. Konstanze F. Winklhofer
Department of Molecular Cell Biology
Medical Faculty, Ruhr University Bochum