



 **Vutara 352**



# Introduction to Super Resolution Microscopy

3D, Multiplexed Single-Molecule Localization Microscopy

- **Single-Molecule-Localization Microscopy (SMLM)**  
PALM, (d)STORM, DNA-PAINT
- **3D Super Resolution**  
20 nm lateral, 50 nm axial localization precision
- **Deep Imaging**  
>30 µm in cell culture, tissue slices or even model organisms
- **Comprehensive Software Suite**  
Real time localization and comprehensive processing and analysis package

**November 25, 2022 - 11:00 AM**

Learn how to get more details out of your fluorescence microscopy samples by increasing the resolution by a factor of 10. This introduction will provide application examples of the Bruker Vutara 352 SMLM system, which is now available at the Imaging Core Facility for Confocal and Multiphoton Microscopy.

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