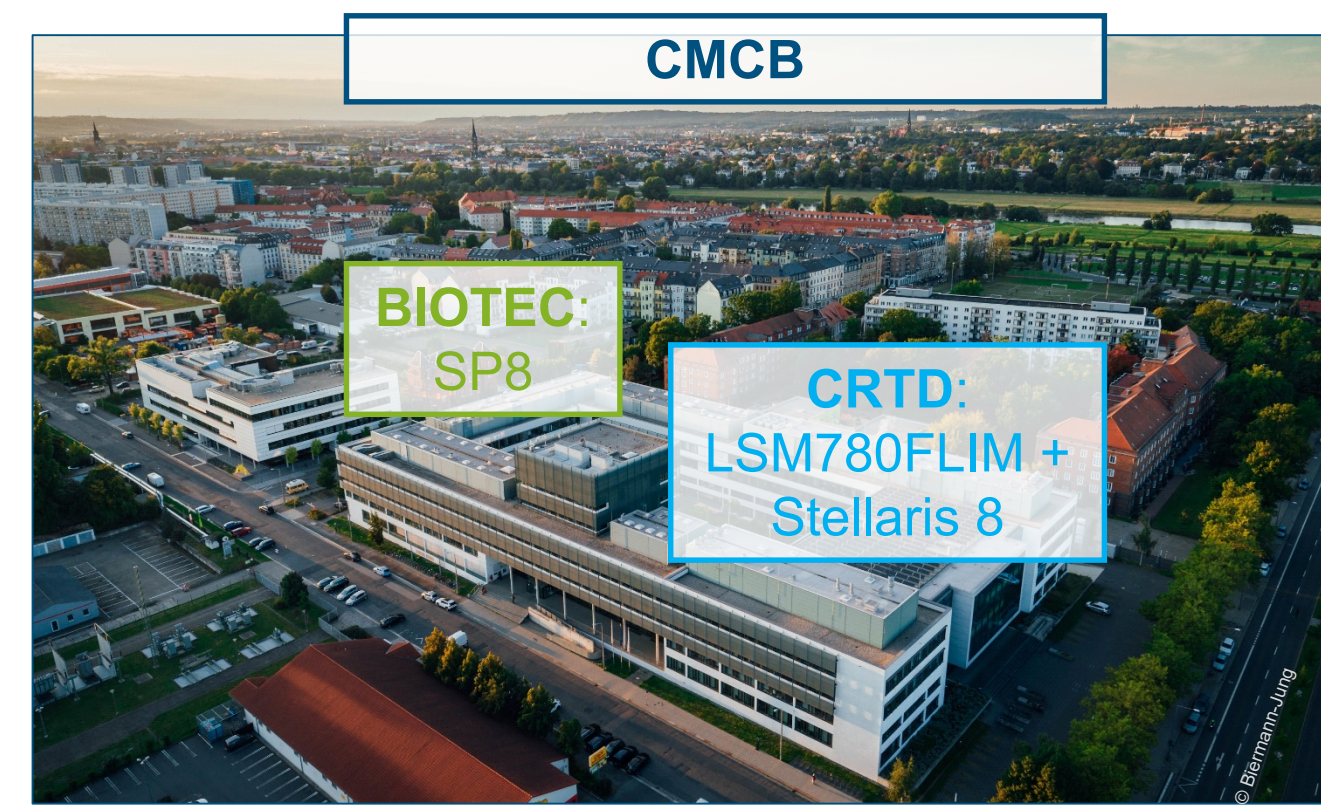


# Available **FLIM systems @ CMCB LMF** (state 1/2022)



## LSM780FLIM

CRTD -1.123, SPCM/SPCImage

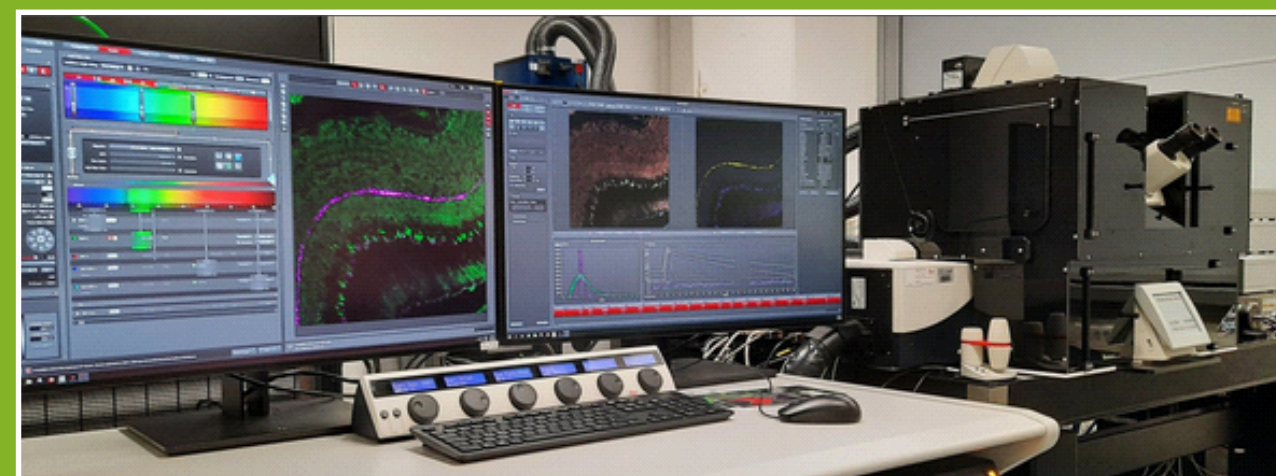


### Inverted confocal LSM

pulsed laser lines: 440 and 473 nm  
2 FLIM detectors (filter cube-based):  
GFP/RFP  
CFP/YFP pairs  
polarisation cube

## Leica SP8 FALCON

BIOTEC 225, LAS X



### Inverted confocal & multiphoton LSM

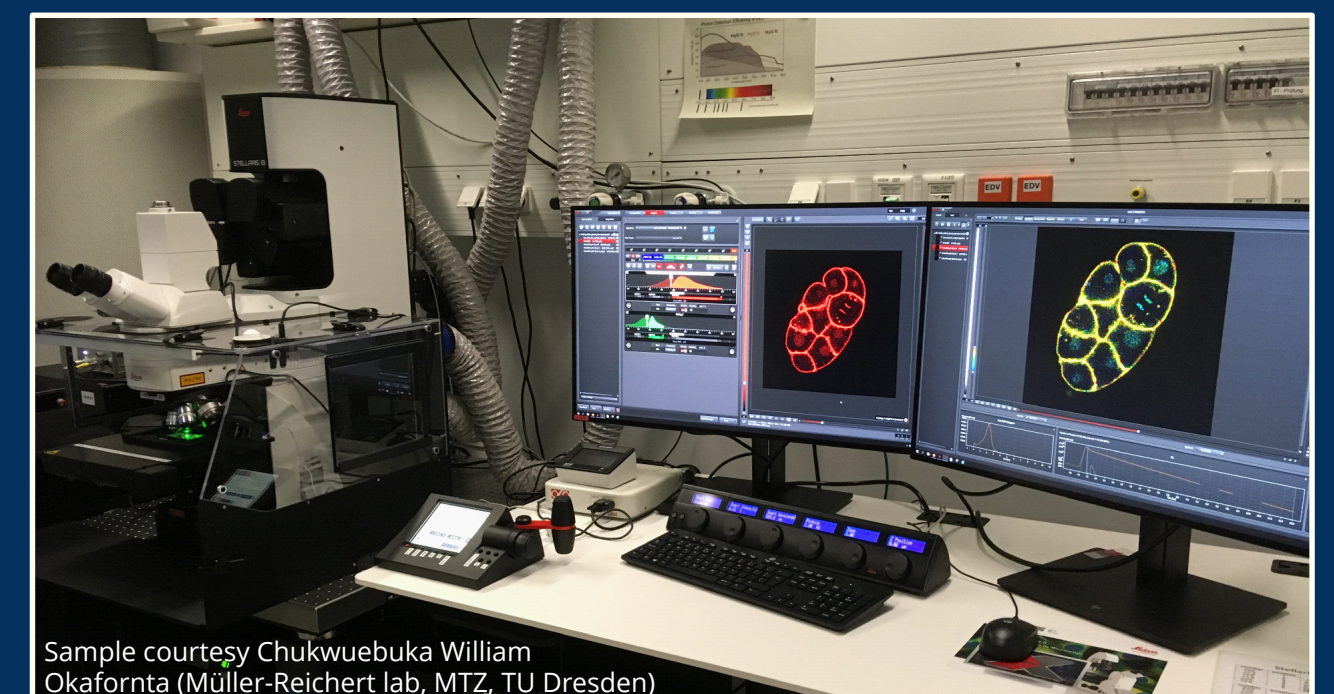
pulsed laser lines:  
White-light laser (WLL): 470 to 670 nm  
IR (multiphoton) lines: tunable 690 to 1300 nm and 1045 nm line  
405 nm line

Rapp photomanipulation unit  
(405/488/561/640 nm)

Internal detectors (confocal):  
4 HyDs (400-800 nm) and 1 PMT

## Leica Stellaris 8

CRTD -1.120, LAS X



Sample courtesy Chukwuebuka William Okafornta (Müller-Reichert lab, MTZ, TU Dresden)

### Upright confocal LSM

pulsed laser lines:  
White-light laser (WLL): 440 to 790 nm  
405 nm line

Internal detectors (confocal):  
5 HyDs (400-850 nm)

**LSM780FLIM**

**SP8 FALCON**

**Stellaris 8**

