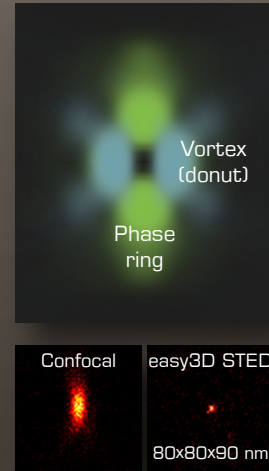
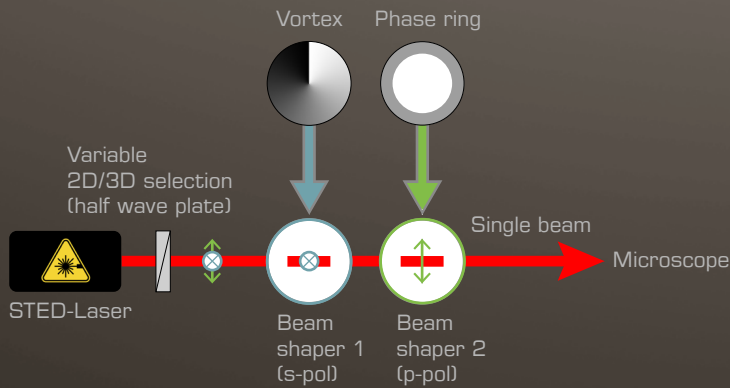


Abberior easy3D STED

easy3D STED with a single beam



Specs:

- ✓ Based on a freely programmable SLM (Spatial Light Modulator)
- ✓ STED light can be split between 2D (vortex) and 3D (ring) mode in any proportion
- ✓ 2D STED resolution: < 30x30 nm (25x25 nm typical)
- ✓ 3D STED resolution: < 100x100x100 nm (80x80x90 nm typical)
- ✓ Prepared to correct for sample aberrations/distortions
- ✓ Upgrade kit for all Abberior STED systems

References:

- ✓ Harke, B. et al. "Three Dimensional Nanoscopy of Colloidal Crystals", Nano Lett. 8, 1309 (2008)
- ✓ Willig, K.I. et al. "STED Microscopy with continuous wave beams", Nature Meth. 4, 915 (2007)
- ✓ Booth, M. et al. "Aberrations and adaptive optics in super-resolution microscopy", Microscopy 64 (4), 251 (2015)
- ✓ Gould, T.J. et al. "Adaptive optics enables 3D STED microscopy in aberrating specimens", Opt Expr. 20, 20998 (2012)

