

LightTrans talk at Imaging and Applied Optics 2019

# Fast-physical optics modeling of two-photon microscopy with 3D-structured illumination

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## **Abstract**

We perform a fast-physical optics modeling of two-photon microscopy with 3D-structured illumination. We analyze the contrast, inhomogeneity and the temporal focusing of the 3D-structured illumination pattern, which should be accounted for in image processing.