

Open Position for Optical Engineer in Neurophotonics in Bordeaux

The Nägerl team (<https://www.iins.u-bordeaux.fr/NAGERL>) has an open position for an optical engineer to build, improve and use our **super-resolution STED fluorescence microscopes**.

The objective is to provide technical support for our team efforts to visualize the microanatomy and extracellular space of the mouse brain *in vivo*.

We are looking for someone with relevant experience in optics and a high affinity for technology and microscopy.

The job is part of a ERC-Synergy project with a **long-term perspective and a dynamic workplace environment** in a major European research center for neuroscience and photonics (<https://www.bordeaux-neurocampus.fr/en/>, <https://light-st.u-bordeaux.fr>).

References:

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- Angibaud et al. A simple tissue clearing method for increasing the depth penetration of STED microscopy of fixed brain slices. *Journal of Physics D: Applied Physics* (2020) (<https://iopscience.iop.org/article/10.1088/1361-6463/ab6f1b>)
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- Pfeiffer et al. Chronic 2P-STED imaging reveals high turnover of dendritic spines in the hippocampus *in vivo*. *eLife* (2018) (<https://doi.org/10.7554/eLife.34700.001>).

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