

References

- [1] Mark Fox. Quantum optics, an introduction. Oxford University Press, 2006
- [2] Nielsen and Chuang. Quantum Computation and Quantum Information. Cambridge University Press, 2010
- [3] Christophe Raynaud. Spectroscopie d'absorption et d'émission des excitons dans les nanotubes de carbone. 2018. PhD thesis from Université Paris Diderot.
- [4] Morgane Gandil. Propriétés magnéto-optiques des nanotubes de carbone individuels suspendus. 2017 PhD thesis from Université de Bordeaux.
- [5] Valerian Giesz. Cavity-enhanced photon-photon interactions with bright quantum dot sources. PhD thesis from Université Paris Saclay, 2015
- [6] Choi et al. Self-Similar Nanocavity Design with Ultrasmall Mode Volume for Single-Photon Non-linearities. Physical Review Letters, 2017. DOI: 10.1103/PhysRevLett.118.223605.
- [7] Adrien Jeantet. Cavity Quantum Electrodynamics with Carbon Nanotubes. 2017. PhD thesis from Université Paris Diderot.
- [8] Dempsey et al. Evaluation of fluorophores for optimal performance in localization-based super-resolution imaging. Nat Methods, 2012. DOI: 10.1038/nmeth.1768.
- [9] Xu et al. Stochastic optical reconstruction microscopy (STORM). Curr Protoc Cytom, 2018. DOI: 10.1002/cpcy.23.
- [10] Rust et al. Sub-diffraction-limit imaging by stochastic optical reconstruction microscopy (STORM). Nature methods, October 2006. Vol. 3, n.15, pages 793-795.
- [11] Urban et al. Subsurface super-resolution imaging of unstained polymer nanostructures. Nature, June 2016. DOI: 10.1038/srep28156.
- [12] Théo Habrant-Claude. Contrôle de l'émission dans la bande télécom de nanotubes de carbone individuels couplés à une micro-cavité fibrée. 2019. PhD thesis from Université Paris Diderot.
- [13] C. Raynaud, T. Claude, A. Borel, M. Amara, A. Graf, et al.. Superlocalization of Excitons in Carbon Nanotubes at Cryogenic Temperature. Nano Letters, American Chemical Society, 2019, 19 (10), pp.7210-7216.
- [14] Antolovic et al. SPAD imagers for super resolution localization microscopy enable analysis of fast fluorophore blinking. Nature, 2017. DOI: 10.1038/srep44108.
- [15] Aharonovich et al. Solid-state single-photon emitters. Nature photonics, 2016. DOI: 10.1038/nphoton.2016.186.
- [16] Wang et al. 3D Super-Resolution Imaging with Blinking Quantum Dots. DOI: 10.1021/nl4026665