

Jakob Rosenkrantz de Lasson
Ph.D. Student (2012-2015)
www.jakobrdl.dk

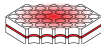


"Our research is concerned with the understanding and application of light-matter interactions in nanostructures"

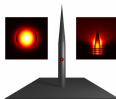
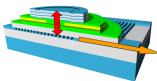


Professor
Jesper Mørk

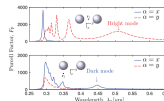
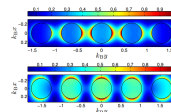
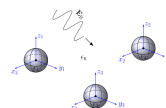
PhC switches
Nano lasers
Quantum dots
Slow light



VCSELs
Cavity QED
Single-photon
sources



M.Sc. thesis and TaCoNa-Photonics 2012:



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Three-dimensional integral equation approach to light scattering, extinction cross sections, local density of states, and quasi-normal modes

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Fourier Modal Method (Ph.D. project):

