

M.Sc Thesis in Nanooptics

Imaging of short-range skyrmions using s-SNOM

The candidate will use state-of-the-art SNOM and nanostructuring techniques to image short-range topological plasmonic excitations.

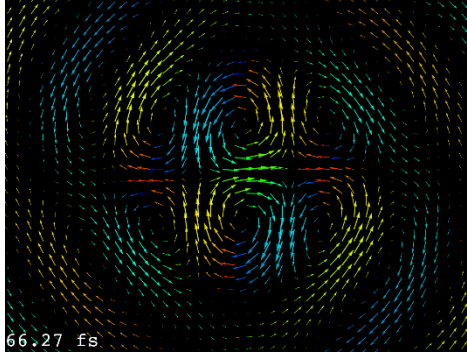


Figure 1: The image illustrates the magnetic field vectors of a higher order plasmonic skyrmion. The wavelength scale across the excitation is about 180 nm for short-range plasmons.

If you are interested in optics, nanooptics, topological physics and would like to work with latest nanostructuring and optical measurement instrumentation, please contact:

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