

Hannes C. Schniepp

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Brief Bio

Physics Undergraduate + Master's: Universität Konstanz, Germany

Master's thesis with Prof. Jürgen Mlynek (1999)

- Near-field optics, single nanoparticle spectroscopy

PhD Studies: Swiss Federal Institute of Technology (ETH), Zürich, Switzerland

PhD thesis with Prof. Vahid Sandoghdar (2004):

“Spontaneous Emission in Nanoscopic Dielectrics and Investigation of Native Nuclear Membranes Combining Atomic Force Microscopy and Optical Imaging”

Postdoc: Princeton University, Chemical Engineering Department (2004–2008)

Supervisors: Prof. Ilhan Aksay and Prof. Dudley Saville

- Production and characterization of functionalized graphene,
- Molecular self-assembly and self-healing at the solid–liquid interface

Since 2008: Asst. Professor, College of William and Mary, Department of Applied Science

Research interests:

- Synthesis of single-layer, functionalized graphene sheets
- Graphene-based polymer nanocomposites
- Biomaterials and biomedical materials
- Physical Interactions of Biomolecules