

Meet the Professors

Get to know the **SNI PhD School** and the open PhD positions!

October 12, 2018, starting at 4.30 pm

“Neuer Hörsaal 1”, Physics Department, University of Basel

The project leaders will introduce the new PhD projects and answer your questions over **drinks and snacks**.

To organize the catering, please **register** at phd.nanoscience.ch by Oct. 4

8 new nanoscience PhD positions

To apply for the new positions and obtain more information, please visit

www.phd.nanoscience.ch

Application deadline: 31 December 2018. The decision to fill the vacancy can be taken any time.

Open positions:

- **Bioinspired nanoscale drug delivery systems for efficient targeting and safe in vivo application**
- From Schrödinger's equation to biology:
Unsupervised quantum machine learning for directed evolution of anti-adhesive peptides
- **Nanoscale mechanical energy dissipation in quantum systems and 2D-materials**
- Picoscopic mass analysis of mammalian cells progressing through the cell cycle
- **High-throughput multiplexed microfluidics for antimicrobial drug discovery**
- Image the twist!
- **Andreev Spin Qubit (ASQ) in GeSi Nanowires**
- Quantum dynamics of an ultracold ion coupled to a nanomechanical oscillator

