



University
of Basel

Swiss Nanoscience Institute



Swiss Nanoscience Institute
Center of Excellence supported
by the University of Basel
and the Canton of Aargau

7 new positions in the SNI Nanoscience PhD program

Please apply online at www.phd.nanoscience.ch
the latest by 30 November 2023

The decision to fill the vacancy can be taken any time from now.

The Swiss Nanoscience Institute (SNI) at the University of Basel invites highly motivated young scientists to apply for a fully funded PhD position in the SNI PhD program. Successful candidates will join an attractive research program together with the ~30 currently supported scientists. The available positions cover a wide variety of topics, including cutting edge quantum physics, chemistry, material science, nanotechnology, biochemistry, cell biology and nano-medicine.

The SNI is funded by the Canton of Aargau and the University of Basel to perform and promote cutting edge research in nanoscience and nanotechnology, based on the attractive SNI Bachelor's, Master's and PhD programs, as well as in applied science projects with industry partners.

Available PhD projects

Elucidating synergistic effects of nano topography and peptide immobilisation on osteogenesis

Vertical Quantum Dots in Coupled Ge Quantum Wells

Selective new-to-nature nanopores enabled by biomolecular condensation

The role of metallic nanoparticles in amyloid condensates and aggregates

Enabling the challenging separation of radio-nuclides via the entrapment inside molecular containers

Coherent feedback control of nanomechanical oscillators

A diamond-based spin-photon interface

