

SNI PhD School Call for Project Proposals

The Swiss Nanoscience Institute (SNI) launches its 12th call for PhD projects. A successful project becomes part of the **SNI PhD program in nanoscience** initiated in 2012. The selected PhD candidates become junior members of the SNI and benefit from the SNI network, personal support, a strongly interdisciplinary social environment, exclusive soft skill trainings and many internal SNI events. **Doctoral students must enroll at the University of Basel** on the next possible date and for the entire duration of their studies. A list of currently supported projects and more information can be found at phd.nanoscience.ch.

Funding: The funding covers the salary for one PhD student plus operating expenses for a maximum of four years (basis: SNF salaries). A lump sum of 60'000 CHF per year for a theoretical project and 65'000 CHF per year for an experimental project will be granted.

Scope: The proposed work should be academically excellent and address novel and potentially daring topics in nanoscience and nanotechnology, beyond standard research, with roots in disciplines such as physics, chemistry, biology, medicine, material sciences, or engineering.

Proposers: The proposers should be experts in the proposed field and necessarily are **principle investigators** at one of the academic institutions in Northwestern Switzerland (University of Basel, PSI, CSEM Allschwil, FHNW Muttentz, FHNW Windisch, or D-BSSE of ETHZ Basel). Each project requires two proposers constituting the PhD committee: the main proposer ("Doktorvater") and the co-proposer. At least one of the proposers must be a professor in "Gruppierung I" at the University of Basel and member of the Faculty of Science ("faculty responsible"). Both proposers must be employed permanently at least 50% by one of the above institutions. If successful, both proposers become senior members of the SNI. Any given researcher is allowed to act as main PI for a maximum of 2 funded SNI PhD students at any time. N.b.: PhD students beyond their 4th year and no longer funded by the SNI do not count towards this limit.

Project evaluation: The proposals will be evaluated by several reviewers based on 1) the scientific quality, 2) the relevance for nanoscience or nanotechnology, with a preference for interdisciplinary projects, and 3) collaborations between different research groups in the SNI network, possibly at different institutions, sharing different expertise or equipment that actively benefit the proposed work.

Selection of PhD candidates: For all granted projects the SNI will launch a worldwide search for candidates. The decision is taken by the proposers.

Submission

Please submit your proposal as a single pdf file by **30 April, 2023** to Claudia.Wirth@unibas.ch

On the first page, please start with the project title and names of the two PIs, including affiliations and email addresses, and indicate the faculty responsible. The proposal of a maximum length of **two A4 pages** can be formatted individually. Also required is a **CV of one page per PI**, which should be merged with the proposal into a single pdf file (max. four A4 pages). Use the name of the main proposer as the file name.

Timeline

30 April, 2023	Deadline for project proposal
May – June	Review process
Late June	Information about acceptance
July – Nov.	Advertisement and search for candidates
Oct. – Nov.	Online application tool open
1 Jan. 2024	Earliest project start
1 July 2024	Latest project start

More Information

Web	phd.nanoscience.ch
Contact	Andreas.Baumgartner@unibas.ch