



The Swiss initiative in

Multi-scale Systems Engineering for health and security of the
human being, energy and the environment

Call for Proposals
2016

Call for specific budget extensions for running Nano-Tera.ch projects

1. What are the broad objectives of Nano-Tera.ch ?

Nano-Tera.ch addresses system engineering research that leverages micro, nano, information and communication technologies. The broad objectives of the program are both to improve quality of life and security of people across different levels of education, wealth and age and to create innovative products, technologies and manufacturing methods. The intrinsic value of the underlying research is to make a bridge between traditional disciplines, with the objectives of

- deepening the understanding of enabling technologies,
- reducing scientific concepts to practice,
- mastering the novel challenges of designing large-scale complex systems,
- and striving to enable mechanisms that can map the high productivity of research ideas, publications and patents of the Swiss community into a significant momentum in terms of industrial growth as well as job and enterprise creation.

Nano-Tera.ch has been established as a “simple partnership”. This legal form enables Universities and Research Centers to meet the aforementioned synergetic objectives, by providing a neutral platform for collaboration and development.

2. What are the specific goals of this call within Nano-Tera.ch ?

The purpose of this call is twofold:

- To provide the possibility for PhD students enrolled in running RTD projects to benefit from additional funds to support the termination of their PhD thesis beyond the end of the project, subject to the eligibility criteria described below.
- To provide the consortia of running RTD and NTF projects the possibility to apply for a budget extension in the framework of the specific pilot program Gateway, subject to the eligibility criteria described below. This program, intrinsically positioned at the frontier between research and innovation, aims at the translation of research results obtained within Nano-Tera.ch into industrial demonstrators directly exploitable by the industrial partners involved.

3. Eligibility criteria

3.1 PhD extensions

- The main applicant for a PhD student extension must be the advisor of a PhD student already active in a currently running RTD project, and declared as such in the scientific and financial reports provided.
- The total funding received by a PhD student from either SNSF or Nano-Tera.ch cannot exceed 4 years.
- Are eligible only PhD students for whom there was a valid reason (to be justified) for not requesting a 4-year funding in the original budget of the project.
- The additional funding period cannot start before the end of the project and cannot extend beyond October 31st, 2017.
- The funding allocated for PhD students in the budget of the corresponding RTD project must have been fully used for this purpose.

Note: The PhD student advisors must be aware that Nano-Tera.ch will not be able to provide any funding beyond October 31st, 2017; thus, for PhD theses extending beyond this date, the funding that might be required for the PhD student to benefit from a total of 4 years of funding will have to come from other sources.

3.2 Gateway extensions

- The main applicant for a Gateway extension must be a PI or Co-PI with a strong record in technology transfer, involved in a running RTD or NTF project.
- The Gateway extension must involve an industrial partner able to support efficiently the transfer of research results into activities with high economic potential.
- The Gateway extension is restricted to the funding of activities aimed at increasing the industrial exploitability of research results and therefore cannot fund any further research.
- The additional funding period cannot extend beyond October 31st, 2017.

Note: The average monthly funding for Gateway extensions is expected to be around 15'000 CHF.

4. Documentation to be submitted

The extensions requests must be submitted using the respective official forms provided at <http://www.nano-tera.ch/proposals.html>.

5. Submission deadline

The extensions requests must be submitted electronically by **September 30th, 2016** to submission@nano-tera.ch.

It is the applicants' responsibility to ensure timely delivery of their proposal. Nano-Tera.ch rejects any responsibility for email delivery problems.

6. General information

General information about Nano-Tera.ch is available at URL: www.nano-tera.ch. Please contact the Nano-tera.ch office if you have any questions.

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