# TUM GNI Project Proposal

# Proposal title (less than 140 characters)

# Proposal acronym

PI1 First name, last name, academic title

PI1 Institution and department (full name)

PI1 Email address

PI2 First name, last name, academic title

PI2 Institution and department (full name)

PI2 Email address

…

Project Team Leader (PTL) First name, last name, academic title

PTL Institution and department (full name)

PTL Email address

# General Information

REMOVE THIS PAGE BEFORE SUBMISSION

* Proposals must not exceed (**6 pages plus two pages per PI for the description of the planned thesis project of each doctoral researcher according to chapter 5**)
  + 10 pages for a project team of 2 PIs
  + 12 pages for a project team of 3 PIs
  + 14 pages for a project team of 4 PIs

(excluding all appendices and in particular references and CVs). All excess pages will be removed and not forwarded to the external referees. The title page does not count against the page limit.

* Do not edit or remove chapter headings
* Format: Arial/ TUM Neue Helvetica, 11pt, 2.75cm top border, remaining borders 1cm
* Upon submission of the proposal, PIs should provide (via email – not in the proposal itself) contact data (name, email, affiliation) for 4 individuals that are familiar with the research fields, but do not have conflicts of interest. In particular, they must not have joint publications or other scientific work within the last four years with the proposing PIs.
* Submissions will be acknowledged by email.

Proposals must be sent electronically to: **contact.gni@tum.de**

**Start page count – 10, 12 or 14 pages according to the size of the project team**

# Abstract

Summary of the main goals of the project. This summary should not exceed 1600 characters, including spaces. It will be published on the TUM GNI website, should funding be awarded.

# Research Team

In this section, the composition of the team should be explained. This includes all PIs. The chairs hosting the doctoral researchers should be indicated as well. A concept for interaction between team members should be provided in Section 7.

# State of the art

Explain briefly the state of the art in the field and its relation to the proposed project. This description should clarify in which context own research is situated.

# Preliminary work

Give a summary of preparatory work that has been performed at the involved chairs, including references to publications. The state of a publication should be indicated (‘submitted’, ‘accepted’, ‘published’, etc.). In particular highlight previous work by the proposers and, if applicable, by their group. Also, indicate the complementarity of expertise in the proposers’ groups.

# Objectives & thesis descriptions

Describe the planned thesis projects of all doctoral researchers in the TUM GNI Project. This is the main part of the proposal.

# Collaboration

Provide a concept for interaction of the TUM GNI Project Team members (doctoral researchers, PTL, PIs) and collaborators. This concept should describe

* how the involved persons interact on a daily basis (highlighting the interdisciplinary cooperation between the projects),
* the frequency of (team) meetings,
* the use of electronic communication means and teaching,
* plans for a kick-off meeting,
* the exchange of results,
* the invitation of guest researchers,
* visits at partner institutions (including the international research stay abroad),
* joint research training (with international partners),
* participation at and/ or organization of conferences/ seasonal schools.

# Future Perspectives

Elaborate on a future perspective on how to develop the project beyond the TUM GNI horizon (e.g. externally funded research group, joint publications, spin-offs).

# Signatures

All principal investigators submitting the proposal must sign it. A signed pdf-document must be submitted electronically. Sending a paper copy is not required.

# Work schedule/ timeline

Rough preliminary work schedule (table, Gantt-chart) indicating milestones, meetings, visits, for each individual TUM GNI Project Team member with description of individual events. An **example** is given below. The schedule is, of course, subject to change, following the needs of the project’s progress. All items in the example should be modified/ deleted as well as new ones added; interim and final report must be specified:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **[PROPOSAL ACRONYM]** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Months | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| Researcher Recruitment | DR1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | M1 |  | I |  |  | P1 |  |  |  |  |  |  |  |  |  |  |  | M2 |  | I | I |  | P2 |  |  |  |  |  |  |  |  |  |  |  |
| DR2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I | I | I |  |  |  |  |  |  |  | M1 |  |  |  | P1 |  |  |  |  | P2 |  |  |  |  |  |  |  |  |  |  |  |  |
| DR3 |  |  |  |  |  |  |  |  |  |  |  |  | P1 |  |  |  |  |  |  | M1 |  |  |  | I | I | I |  |  |  | P2 |  |  |  |  |  |  |  |  | P3 |  |  |  |  |  |  |  |  |  |
| DR4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I | I | I |  |  |  |  |  |  |  |  |  |  |  | P1 |  |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Training | Workshop |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Conference |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | S2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Visiting Scientist |  |  |  |  |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Outreach | Dissemination |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Public engagement |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

A: Kick-off meeting incl. 2 guests

B: Interim meeting incl. 2 guests; 1 staying for 5 months (collaborating with DR3)

S1: summer school 1

S2: summer school 2

M: completion of subprojects

P1, P2, P3: publications

…

(DR ≙ doctoral researcher; I ≙ research stay abroad)

**Stop page count**

REMOVE THIS PAGE BEFORE SUBMISSION

# References

# Appendix

## CVs

Concise CVs of all PIs.