Faculty Graduate Center Physics

Dr. Philipp H. v. Loewenfeld

Assistant to the Dean of Studies

Garching, 3rd of July 2018

Qualification Program

- central: **individual, independent research embedded in the research groups of the department**
- supervision agreement with mentor (can be changed during Ph.D. project)
- project plan with detailed plans and milestones
  - find the most suitable form of this together with your supervisor (template available)
  - keep it up-to-date
- requirements:
  - kick-off seminar by TUM GS
  - subject-related training of at least 6 SWS (63 hours)
  - a peer-reviewed publication or some other discussion of your work in the community
  - status discussion after two years latest
  - involvement in the academic environment via teaching
- benefits
  - summer/winter schools
  - invitation of speakers
  - internationalization support (travel expenses)
  - proofreading service for scientific publications

Kick-Off Seminar by TUM GS

- at the start of your Ph.D. project
- requirement of the qualification program
- register at http://www.gs.tum.de/en/doctoral-candidates/qualification/kick-off-seminar/

Subject-Related Training

- requirement of the qualification program is at least 6 SWS (63 hours)
  - equivalent to regularly visiting e.g. a group´s Journal Club for three semesters
- external courses/seminars/… may be recognised – decision by your supervisor
- discuss with your supervisor
  - what courses/seminars/… to take
  - what certificates are required

- ignore DocGS for this, see https://www.ph.tum.de/academics/phd/gs/member/
- at the end of your Ph.D. project (several days before handing in)
  - enter all qualification elements at https://www.ph.tum.de/academics/phd/gs/member/
  - download the PDF report and hand it in (signed by you and your supervisor) at the FGC PH

Publication

- requirement of the qualification program is at least one peer-reviewed publication
  - in special cases this may be replaced by a presentation at an international conference
- you may use the TUM GS proofreading service for your publications
  - regularly publications with word count <10000
  - proof reading by native speaker with subject-related background
  - upload at https://www.ph.tum.de/academics/phd/gs/member/proofreading/

- ignore DocGS for this, see https://www.ph.tum.de/academics/phd/gs/member/
- at the end of your Ph.D. project (several days before handing in)
  - enter all qualification elements at https://www.ph.tum.de/academics/phd/gs/member/
  - download the PDF report and hand it in (signed by you and your supervisor) at the FGC PH

Status Discussion

- requirement of the qualification program within two years after start
  - regularly you will have such discussions far more often!
  - based on
    - a public presentation within the university (can be substituted by one at an academic conference),
    - a written interim report on the scientific work (can be substituted by an academic paper for publication),
    - an updated project plan and
    - a counseling session with your mentor.

- ignore DocGS for this, see https://www.ph.tum.de/academics/phd/gs/member/
  - we only need e-mail confirmation by your supervisor to gs@ph.tum.de that the status discussion took place and was successful

Internationalisation

- internal candidates
  - up to 1600 € from TUM GS (or 3000 € for more than four weeks)
  - as for all travel expenses regular "Dienstreiseantrag" and "Reisekostenabrechnung" is required
  - use DocGS for this (for the form „reimbursement: international activities" only)
- external candidates
  - apply for internationalisation grant (applicants are ranked by number of publications)
- all candidates
  - additional up to 1600 € from FGC PH as long as funding available
  - see FAQ https://www.ph.tum.de/academics/faq/phd/international/

- ignore DocGS for the inclusion on the certificate
- at the end of your Ph.D. project (several days before handing in)
  - enter all qualification elements at https://www.ph.tum.de/academics/phd/gs/member/
  - download the PDF report and hand it in (signed by you and your supervisor) at the FGC PH