

Ph.D Booklet

PhD candidate: Li Chen Supervisor: Prof. Gianaurelio Cuniberti
 Host Institution: Chair of Materials Science and Nanotechnology Co-Supervisor: _____
 Starting date at the Chair: 01.05.2023

Ph.D. procedure at the Chair of Materials Science and Nanotechnology

During the Ph.D. studies at the Chair of Materials Science and Nanotechnology, the student shall be supported and guided by the **Thesis Advisory Committee (TAC)**. The purpose of the Thesis Advisory Committee is to improve the quality of research and to advise the Ph.D. student throughout her/his scientific career. All interactions between the TAC and the Ph.D. student are strictly confidential. The TAC schedule is binding for you at the Chair of Materials Science and Nanotechnology. TAC consists of the Supervisor, co-Supervisor and further member(s)

Scheduling and documentation of TAC meetings

- Please arrange the appointment for each meeting in advance with the office of Prof. Cuniberti
- The student has to bring the TAC report booklet to the occurring TAC meeting.
- Your pptx for the oral scientific presentation (15min) should be submitted to the TAC members for review 3-4 working days before the meeting.
- During each TAC meeting the committee documents decisions and issues in the TAC report booklet. Later, a copy of the TAC report has to be submitted to the office of Prof. Cuniberti.

Ph.D. Schedule

1st month at the Chair	<p>Application for acceptance as Ph.D. student at the Faculty of Mechanical Science and Engineering (via Promovendus), read the Ph.D. regulations (Promotionsordnung) carefully!</p> <p>Kick-off Meeting: Presentation of the PhD project (15min) Discuss the Ph.D. task, scope, impact, feasibility and associated risk of the project, TAC members should be nominated, the Supervision agreement and the confirmation of academic supervision should be signed</p>
6 months at the Chair	<p>1st TAC Meeting: presentation and follow-up on the progress of the project (15min) Discussion of the research results obtained so far</p>
1,5 years at the Chair	<p>2nd TAC Meeting: formal oral scientific presentation about your research results over the past year (15min) discussion of the progress/results and the structure of the Ph.D. thesis Decision Rigorosum (anticipated or together with the defence</p>
Last year before submission	<p>Replaced Rigorosum</p>
2,5 years at the Chair	<p>3rd TAC Meeting: oral scientific presentation about your research results over the past year (15min) discussion of the progress/results, definition of necessary research steps for completion of Ph.D. 10 Statements discussion Decision about the Ph.D. committee and the reviewers</p>
2 months before submission	<p>Status talk: formal oral scientific presentation in front of Prof. Cuniberti and the Chair (30min talk + discussion) within the nano.seminar last approval to submit the Thesis</p>
ca 4 months after submission	<p>Application for the opening of the Ph.D. procedure (via Promovendus)</p> <p>Defense of your Thesis & (Rigorosum)</p>

TAC Kick off meeting

1st month at the Chair | Presentation of the PhD project (15min) | Discuss the Ph.D. task, scope, impact, feasibility and associated risk of the project and set up the Ph.D. task definition | TAC members should be nominated | Supervision agreement & confirmation of academic supervision should be signed.

Date: 29/06/23

Your Thesis Advisory Committee (TAC):

Ph.D. thesis supervisor Prof. Gianaurelio Cuniberti

Day-to-Day supervisor: Dr. Rafael Gutierrez / Dr. Arezoo Dianat

Further (extern) Member(s):

Ph.D. Topic / Working title:

Smart Electronic Olfaction for Body Odor Diagnostics

Research objective | Ph.D. task definition:

Estimated Ph.D. schedule:

1st TAC (6 months at the Chair): 01/24

2nd TAC (1,5 years at the Chair): 01/25

3rd TAC (2,5 years at the Chair): 01/26

Status Talk (2 months before submission):

Submission of the Thesis:

Filled and signed the supervision agreement (GA Template)

☐

Filled and signed the confirmation of academic supervision

☐

Checked in at the Chair

☒

Are there other open organizational issues? Do you face any practical problems (housing, mobility, food, working environment)?

No

Signature Ph.D. candidate:



Chen Li

Digital unterschrieben von Li Chen
Datum: 2023.06.28 17:03:57 +02'00'

Signature Ph.D. thesis supervisor/Doktorvater:



Gianaurelio Cuniberti

Digital unterschrieben von Gianaurelio Cuniberti
an Gianaurelio Cuniberti, an Technische Universität Dresden, an DE
Datum: 2024.02.14 11:03:33 MEZ
Grund: none

Signature Day-to-Day supervisor:

Signature further member:

After signature, please hand in this report to the office of Prof. Cuniberti

Presentation slides sent to office.nano@tu-dresden.de and gianaurelio.cuniberti@tu-dresden.de ? Yes

☐

No

☐

1st Thesis Advisory Committee Meeting

6 months at the Chair | Presentation and follow-up on the progress of the project (15 min) | Discussion of the research results obtained so far

Date: 14/02/24

1. Based on the candidate's presentation please evaluate the following areas:

Student's presentation:

15 min on time?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments:
Slides clear?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	
Presentation clear?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	

Ph.D. project - Research and Progress

e. g. frequency and quality of interaction, relevance of the problem, experimental approach; results and accomplishments from the previous year; new scientific discoveries; goals for the next year/meeting; knowledge of the literature; oral presentation

Highlights Statistical analysis + TLL

Improvements Support → D3

Working Style

e. g. to work in a systematic and structured way; to be able to set priorities; to develop and apply creative and innovative solutions; to communicate openly, actively and clearly

Highlights slides + pres. improved

Improvements Sci. writing (GA)

Scientific Visibility and Qualifications

e. g. publications; conferences; internal nanoSeminar during the semester break

Highlights DPG-Berlin 2024 / Smolodi meeting

Improvements Summer School on TLL

2. Recommendations for the PhD candidate

3. Open organizational issues

Accepted as a PHD candidate?

Yes ☒

No ☐

If no, what has to be done?

Examination for students without Engineering degree

Every student without an Engineering degree needs to absolve two additional courses within the Faculty of Mechanical Science and Engineering to proof the engineering knowledge (see Promotionsordnung §9, between 10 and 20 credit points in total).

Additional course I:

Additional course II:

Other issues / Problems?

Signature Ph.D. candidate:

chen li

Digital unterschrieben von Li Chen
Datum: 2024.02.13 14:13:09 +01'00'

Signature Ph.D. thesis supervisor/Doktorvater:

Signature Day-to-Day supervisor.

Signature further member:

After signature, please hand in this report to the office of Prof. Cuniberti

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No

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