

## TAC – Report for Kick-Off Meeting

### Meeting details

Date: 27.02.2020

Location: CHAIR OF MATERIALS SCIENCE AND NANOTECHNOLOGY - HAL 113 A

### PhD Candidate

Name, Surname: SIYUAN FAN

Host institution: CHAIR OF MATERIALS SCIENCE AND NANOTECHNOLOGY - TU DRESDEN

### Thesis Advisory Committee

PhD thesis supervisor: PROF. GIANLUIGIO CUNIBERTI

Day-to-Day Supervisor: M. MASSIMO SCARZI

Further Member 1: M. TANIMATA TOSHI

Further Member 2: \_\_\_\_\_

(Second thesis referee and minor subject in Rigorosum)

Meeting content	timeline
<b>Kick-off Meeting</b> with Prof. Cuniberti and your day to day supervisor - Discuss the PhD task, scope, impact, feasibility and associated risk of the project - Set up the PhD task definition	2 <sup>nd</sup> month

### TAC Statements

#### 1. Gained experiences/learnings/establishments

What are the student's experiences with other scientific cultures and other countries?  
 What has the student learned during the stay abroad/at other universities?  
 Which collaborations established during these stays are still active today?

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**2. Participation in lectures/internal group activities/training courses**

Has the student participated in lectures/chair activities/training courses to improve personal skills?

Yes ☒ No ☐

If yes, please give details below which kind of courses/workshops have been attended.

ENVIRONMENTAL NANOTECHNOLOGY (BR. SCARTI)

**3. Scientific qualifications/skills**

Which scientific qualifications/skills should be acquired?

SYNTHESIS OF UPCONVERTING NANOPARTICLES (UCNPs)

PREPARATION OF UCNP-EMBEDDED POLYMER MATRICES

TECHNIQUES FOR THE PHOTOCATALYTIC DEGRADATION OF POLLUTANTS IN WASTEWATER

**4. 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.

Additional course I: Ingenieur Mathematik

Additional course II: Grundlagen der Mathematik

**Attachments**

All slides/presentation slides attached

☐ Yes

☐ No

Does this report include additional attachments?

☐ Yes

☒ No

Presentation slides sent per E-Mail to office@nano.tu-dresden.de:

☐ Yes

☒ No

Dresden, 27.02.2020

Signature PhD candidate:

*[Signature]*

Signature PhD thesis supervisor:

*[Signature]*

Signature Day-to-Day advisor:

*[Signature]*

Signature Further member 1:

Signature Further member 2:

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

***Task for Ph.D. Thesis***

Name of PhD student: SIYUAN FAN

Topic: \_\_\_\_\_

Research objective:

First supervisor: \_\_\_\_\_

Second supervisor: \_\_\_\_\_

Topic delivered on: \_\_\_\_\_

Thesis to be submitted on: \_\_\_\_\_

\_\_\_\_\_  
Prof. Dr. Gianaurelio Cuniberti

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

## Thesis Advisory Committee (TAC) – Agreement

This TAC-Agreement states the official supervision agreement between the Ph.D. student and the Chair of Materials Science and Nanotechnology.

I herewith confirm that Mr/Ms SIYUAN FAN

has been accepted as a Ph.D. student at the Chair of Materials Science and Nanotechnology and accompanied in her/his work by a **Thesis Advisory Committee (TAC)**, which consists of

Ph.D. thesis supervisor: Prof. Dr. Gianaurelio Cuniberti

Scientific Day-to-Day-advisor: DR. MASSIMO SGARZI

Further supervisors: MR. TANMAYA JOSHI

Start at chair PMN by date: 03.02.2020

The Ph.D. student is registered\* or plans to register for the Ph.D. thesis at the

☒ TUD Faculty of Mechanical Science and Engineering ☐ TUD Faculty of Physics

\*Please refer to your respective faculty regulations (Promotionsordnung)

as ☒ Individual Ph.D.

☐ Within a Ph.D. program

☐ nanoNET

☐ cfaed

☐ IMPRS

☐ Other one \_\_\_\_\_

to obtain the academic goal as

☐ Dr.-Ing.

☐ Dr. rer. nat.

☒ Ph.D.

### TAC Commitment

The Ph.D. student shall be supported by the supervisor(s) to obtain further qualifications. This relates to the participation in specialist and cross-discipline training within a reasonable timeframe as well as to the encouragement of the candidates' academic output in an appropriate form (e.g. participation in conferences, publications of academic results or teaching). At the same time, the student commits to adhering to the TAC process.



### Confirmation of general instructions:

#### Ph.D. regulations (Promotionsordnung)

Herewith, I confirm that I read and completely understood the faculty regulations which are related to the official confirmation by the faculty ("Annahme als Doktorand").

- ☐ Enrollment before March 2018: "Promotionsordnung 01.07.2001", especially the paragraphs 3, 5-7 and 10.
- ☐ Enrollment after March 2018: "Promotionsordnung 22.03.2018", especially the paragraphs 6-15

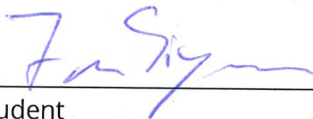
#### TUD Graduate Academy

If not already happen, all old and new students need to register at TUD Graduate Academy. Therefore, the online registration at <http://tu-dresden.de/graduertenakademie> and provision of the "Declaration of Consent" are required and can be found online on the website ([https://tu-dresden.de/ga/mitgliedschaft/promovierende?set\\_language=en](https://tu-dresden.de/ga/mitgliedschaft/promovierende?set_language=en)).

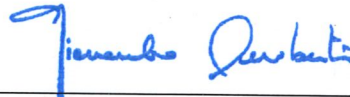
#### Compliance with good academic practice and behaviour in the case of trouble

- a) All parties are obliged to follow the Principles of good academic practice at the Technische Universität Dresden and the Rules for dealing with academic misconduct and to comply with the instructions under copyright law for texts and/or findings.
- b) In the case of trouble between the PhD candidate and the supervisor(s), both parties are get in touch with the promotion office of the Faculty of Mechanical Science and Engineering. The responsibility of other committees of the TU Dresden as well as the independent ombudsman appointed by the Rectorate for questions of good academic practice and in the case of academic misconduct remains unaffected.

Dresden, 27.02.2020

  
\_\_\_\_\_  
PhD student  
Signature

Dresden, 27.02.2020

  
\_\_\_\_\_  
PhD thesis supervisor  
Signature

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