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:Customer\_Main\_Location\_Eng=Darmstadt :Customer\_Type=Universität :Customer\_Funding\_Body=öffentlich-rechtlich

**A**  
**ZLEADIN1**

## **SURVEY FOR GRADUATES OF THE TECHNICAL UNIVERSITY OF DARMSTADT**

**KERN**

**Thank you very much for your willingness to participate in the graduate survey of the Technical University of Darmstadt.** It is conducted in cooperation with the [Institute for Applied Statistics](#). Filling in the questionnaire is voluntary and will take approximately 30 minutes.

### **Data protection**

Please log in using the access code we sent you. With it you can also pause the survey at any time and continue later.

In order to create a customised survey for every student programme, the Technical University of Darmstadt transmitted a [list](#) of all degrees completed within the last examination period to the Institute for Applied Statistics. This list contains the time of the examination (month/year), the field(s) of study and additional demographic information, but no names, addresses or registration numbers.

When you log in, information concerning your degree type and the fields of study in your completed study programme will be filled in automatically via your access code.

You accept this procedure with your login. Furthermore you agree that your answers will be forwarded to the Technical University of Darmstadt in order to improve the quality of study programmes.

[Data Protection Agreement](#) between the Institute for Applied Statistics and the Technical University of Darmstadt.

You have the option of [correcting](#) and/or [deleting](#) your data. We also provide the option of [lodging a complaint](#) with our data protection commissioner.

[Information](#) on the use of text-to-speech software

**Vielen Dank für Ihre Bereitschaft, an der Absolvent\*innenbefragung der Technischen Universität Darmstadt teilzunehmen.** Diese wird in Kooperation mit dem [Institut für angewandte Statistik](#) durchgeführt. Die Beantwortung des Fragebogens ist freiwillig und wird etwa 30 Minuten in Anspruch nehmen.

### **Datenschutz**

Bitte melden Sie sich mit dem Ihnen zugesandten Zugangscode an. Die Befragung kann jederzeit unterbrochen und nach Eingabe des Zugangscode fortgesetzt werden.

Damit die Befragung bestmöglich auf Sie zugeschnitten werden kann und Ihnen unnötige Dateneingaben erspart bleiben, hat die Technische Universität Darmstadt eine [Liste](#) mit allen im Prüfungsjahrgang erfolgten Abschlüssen an das Institut für angewandte Statistik übermittelt. Diese Liste enthält den Prüfungszeitpunkt (Monat/Jahr) und die Studienfächer sowie einige weitere demographische Informationen, jedoch keine Namen, Adressen oder Matrikelnummern.

Die Informationen zu Abschlussart und Studienfächern des von Ihnen abgeschlossenen Studiengangs werden über den Ihnen vorliegenden Zugangscode automatisch in die Befragung eingetragen.

Mit der Eingabe Ihres Zugangscode stimmen Sie dem oben beschriebenen Verfahren und der Übermittlung der Befragungsergebnisse an die Technische Universität Darmstadt zum Zwecke der Studiengangsentwicklung und des Qualitätsmanagements zu.

[Datenschutzvereinbarung](#) zwischen dem Institut für angewandte Statistik und der Technischen Universität Darmstadt.

Sie haben die Möglichkeit, eingegebene Daten [korrigieren](#) und / oder [löschen](#) zu lassen. Eine [Beschwerdemöglichkeit](#) bieten wir über unseren externen Datenschutzbeauftragten.

[Informationen](#) zum softwaregestützten Vorlesen des Fragebogens

☐ Deutsch

☐ English

Please enter your access code:

Login

screen

## WELCOME TO THE QUESTIONNAIRE FOR PHD GRADUATES

KERN

Z290\_pdo

This questionnaire applies to your finished PhD in [Platzhalter]. Is this information about your Phd correct?

Kern

- ☐ Yes, I completed my PhD in this field of study.
- ☐ No, I completed my PhD in another field of study.
- ☐ No, I obtained another degree (e.g. master's).
- ☐ No, I obtained another degree in another field of study.

only respondents, who correct their degree

Z7

Which degree did you obtain instead?

Kern

Please choose your degree from the list.

Bitte wählen



Correct degree

Other degree

only respondents, who correct their field of study

**Z8** In which field of study did you graduate instead? (Gefilterter Fragetext)  
In which fields of study did you study? (Gefilterter Fragetext)

Kern

Please select your field of study from the list or if necessary specify your field of study.

Bitte wählen

First field of study

If necessary specify another field of study

Other first field of study

#### Second field of study

Please select your field of study from the list or if necessary specify your field of study.

Bitte wählen

Second field of study

If necessary specify another field of study

Other second field of study

#### Third field of study

Please select your field of study from the list or if necessary specify your field of study.

Bitte wählen

Third field of study

If necessary specify another field of study

Other third field of study

#### Fourth field of study

Please select your field of study from the list or if necessary specify your field of study.

Bitte wählen

Fourth field of study

If necessary specify another field of study

Other fourth field of study

## B CURRENT WORK AND EMPLOYMENT SITUATION

**ZG**

KERN

The following section refers to your current work and employment situation.

- Please enter your current jobs in the table below.
- The legend gives you an overview of the activities that can be selected in the table's drop-down list.

Legend Legend

**B1** What applies to your current situation? (Gefilterter Fragetext)

**Z75\_pdo**

Kern

Since

Activity

Please chc

Sonstiges\_Tätigkeit

[Neue Zeile einfügen](#) (maximal 6)

**only respondents, who do a doctorate and did not enter a regular job**

B2 **You have indicated that you are pursuing a PhD. Are you employed by an organisation as part of this PhD?**

**Z529**

Kern

☐ Yes, since:

☐ No

**only for respondents with more than one job**

B3 **Which occupation is the most important for you?**

**Z298**

Kern

In the following, please refer to the most important occupation.

Die Liste der Beschäftigungsarten sowie des Beginns der jeweiligen Beschäftigung wird dynamisch aus den bis zu sechs verschiedenen unter Z75 Episodenlogik angegebenen Beschäftigungsepisoden zusammengestellt (eine genauere Beschreibung findet sich im KOAB-Wiki: <https://koabwiki.istat.de/index.php?title=Z298> ).

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**

B4 **What is your position in your current job?**

**Z79**

Kern

☐ Employee (Gefiltertes Item)

☐ Public servant (Gefiltertes Item)

☐ Labourer (Gefiltertes Item)

☐ Research assistant (Gefiltertes Item)

☐ Student trainee (Gefiltertes Item)

☐ Self-employed professional (Gefiltertes Item)

☐ Self-employed in trade, industry, services, etc. (Gefiltertes Item)

☐ Other:  (Gefiltertes Item)

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**only public servants**

B5 **What kind of public servant are you?**

**Z293**

Kern

☐ Lower level public servant

☐ Middle level public servant

☐ Upper level public servant

☐ Higher level public servant

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**only employees**

B6 **I am an employee...**  
**Z294**

Kern

- ☐ with executive activity, according to general instructions (e.g., salesperson, typist)
- ☐ with a qualified activity which I do by order (for example, a clerk)
- ☐ with an independent performance in responsible work (for example, a scientist, a doctor, an engineer, a social worker, a teacher, a department manager, a procurator)
- ☐ with comprehensive management tasks and decision-making powers (for example, director, executive director, executive board of larger companies and associations)

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**only self-employed**

B7 **As a self-employed person I have...**  
**Z295**

Kern

- ☐ no further employees
- ☐ 1 additional employee
- ☐ 2-4 additional employees
- ☐ 5-9 additional employees
- ☐ more than 10 additional employees

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**without self-employed**

B8 **What applies to your current job?**  
**Z397**

Kern

You may give more than one answer

- ☐ I supervise employees and give them tasks (functional responsibility)
- ☐ I (co-)select employees (hiring and, if necessary, dismissing)
- ☐ I make independent expense decisions (budget responsibility)
- ☐ None of those

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**without self-employed**

B9 **Academic fields of employment: Which statements characterise your current job?**

**ZP27**

**Fach**

You may give more than one answer

- ☐ Not applicable, I have a non-academic job
- ☐ Post-doctoral position (e.g. academic employee, assistant position, academic advisor, etc.)
- ☐ Junior professor or other temporary teaching position
- ☐ Professorship/Professur
- ☐ Head of a working group
- ☐ Head of a department
- ☐ The job offers the possibility of writing a post-doctoral thesis / habilitation
- ☐ Involves teaching
- ☐ Involves research
- ☐ Involves third-party fund-raising
- ☐ Possibility of independent research
- ☐ Possibility of independent teaching
- ☐ Possibility of independent third-party fund-raising

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**without self-employed**

B10 **Have you completed a habilitation or are you intending to?**

**ZP40**

**Fach**

- ☐ Yes, I have completed a habilitation
- ☐ Yes, I'm currently working on my habilitation
- ☐ Yes, I intend to complete a habilitation
- ☐ No, I don't intend to complete a habilitation
- ☐ I haven't decided yet

**only respondents, who have employment**  
**only respondents, who are employee or self-employed**  
**without self-employed**

B11 **Do/did you have a position as junior professor or do you plan to apply for such a position?**

**ZP41**

**Fach**

- ☐ Yes, I had/have a position as junior professor
- ☐ Yes, I intend to apply for a position as junior professor
- ☐ No
- ☐ I don't know (yet)

only respondents, who have employment  
only respondents, who are employee or self-employed  
without self-employed

B12 What type of contract do you have in your current employment?

Z80

Kern

☐ Unlimited term

☐ Fixed term

only respondents, who have employment

B13 How many hours per week do you work on average? (Gefilterter Fragetext)  
How many hours per week do you work on average in your most important  
employment? (Gefilterter Fragetext)  
How many hours per week do you work on average in your self-employment?  
(Gefilterter Fragetext)

Z81

Kern

Contract working hours

Actual working hours

only respondents, who have employment  
only self-employed

B14 Have you started your own company/business?

Z299

Kern

☐ Yes

☐ No

only respondents, who have employment

B15 Do you have budgetary control in your current job?

ZP38

Fach

☐ Yes

☐ No

only respondents, who have employment

B16 What is your current gross monthly income (incl. special payments and  
overtime)? (Gefilterter Fragetext)  
What is your current gross monthly income (incl. special payments and overtime)  
in your most important employment? (Gefilterter Fragetext)  
Please estimate your monthly profit of your self-employment taxes excluded.  
(Gefilterter Fragetext)

Z82

Kern

[Antwortoptionen auf- / zuklappen](#)

only respondents, who have employment

B17 Where are you currently employed?

Z83

Kern

☐ In Germany → Please enter the postcode:

If postcode is not known → Please name the place:

☐ In another country → Please enter the name of the country:

**only respondents, who have employment**

B18

**Z803**

**Where do you usually perform your professional tasks at the moment?**

Optional

- ☐ 100% in on-site presence
- ☐ Mainly in on-site presence
- ☐ 50/50: Home office and on-site presence in equal parts
- ☐ Mainly in the home office and to a lesser extent in on-site presence
- ☐ 100% home office

**only respondents, who have employment**

B19

**Z84**

**What is your current profession?**

Kern

If possible, please fill in the exact job title, e.g. trainee teacher, design engineer, social worker, assistant manager, etc.

Job title

**only respondents, who have employment**

B20

**Z85**

**What is the branch or field of industry you are currently employed in?**

Kern

If possible, please choose the appropriate option or fill in the exact description, e.g. car manufacturing, primary school, hospital, consulting.

Please choose

Other branch/field

**only respondents, who have employment**

B21

**Z86**

**In which sector do you currently work?**

Kern

- ☐ Private for-profit sector (incl. self-employment, freelance work and incentive type work)
- ☐ Public sector
- ☐ Private non-profit sector (organisations, churches etc.)

**only respondents, who have employment**

B22

**Z87**

**What is your main task in your current job?**

Kern

If possible, please choose the appropriate option or specify the exact description, e.g. construction, teaching, R & D.

Please choose

Other main task



only respondents, who have employment  
only respondents, who has principal activity (main job)

B23

Z712

In which fields are you active?

Kern

You may give more than one answer

- ☐ Research without relevance to application
- ☐ Research with indirect relevance to application
- ☐ Research with direct relevance to application
- ☐ Experimental development (it is uncertain whether the development can be implemented)
- ☐ Regular development (it is certain that the development can be implemented)
- ☐ None of the above

**Remarks:**

**Non-application-oriented research** serves to improve a body of knowledge without aiming to achieve economic or social benefits, or actively seeking to apply results to concrete problems or to channel them to the sector responsible for their application.

**Research with indirect relevance to** application is conducted in the expectation that it will create a broad body of knowledge that will form the core for solving problems or realising opportunities that arise in the present or in the future.

**Research with direct relevance to application** represents original work carried out to acquire new knowledge, but primarily directed towards a specific practical goal or outcome.

**Experimental development** leads to new knowledge being generated. Experimental development ends where there is no longer a question of creatively producing something new and thus there is no longer any uncertainty about the outcome.

- *Example* : In the development process of a new car model, the possibility of using some existing technologies could be explored and these could be tested in the car model in question. This is the phase of experimental development in which a new application of general knowledge leads to new results. The criterion of uncertainty is fulfilled, as the tests can lead to negative results. The activity is inevitably creative, as it focuses mainly on adapting technologies to new uses.

**Regular development** leads to usable results with a high degree of certainty. There is no uncertainty about the outcome.

only respondents, who have employment  
without self-employed

B24

Z215

How many employees work in your company/organisation?

Kern

- | In total              | At your location      |                        |
|-----------------------|-----------------------|------------------------|
| <input type="radio"/> | <input type="radio"/> | 1 to 9                 |
| <input type="radio"/> | <input type="radio"/> | 10 to 49               |
| <input type="radio"/> | <input type="radio"/> | 50 to 99               |
| <input type="radio"/> | <input type="radio"/> | 100 to 249             |
| <input type="radio"/> | <input type="radio"/> | 250 to 999             |
| <input type="radio"/> | <input type="radio"/> | 1000 or more employees |

**only respondents, who have employment  
without self-employed**

B25

**ZH21\_34**

**What is the name of the company/organisation at which you are employed?**

HS

(This information is of particular interest to prospective and current students and serves as orientation. Your information is, of course, also voluntary here.)

**only respondents, who have employment**

B26

**Z88**

**To what extent are the following skills/competencies required in your current employment?**

Optional

To a very  
high  
extent

Not at all

1

2

3

4

5

☐☐☐☐☐

Ability to gather information of different sources

☐☐☐☐☐

Ability to recognize interrelations

☐☐☐☐☐

Ability to gauge relevance of information

☐☐☐☐☐

Ability to take decisions

☐☐☐☐☐

Ability to develop problem-solving strategies

☐☐☐☐☐

Ability to plan and organize

☐☐☐☐☐

Ability to express myself adequately in speaking

☐☐☐☐☐

Ability to express myself adequately in writing

☐☐☐☐☐

Ability to communicate in English

☐☐☐☐☐

Ability to self-reflect

☐☐☐☐☐

Ability to handle received criticism

☐☐☐☐☐

Ability to express criticism constructively

☐☐☐☐☐

Ability to work in teams

☐☐☐☐☐

Ability to apply theoretical knowledge practically

☐☐☐☐☐

Ability to adapt flexibly to new situations

☐☐☐☐☐

Ability to create new ideas

☐☐☐☐☐

Ability to work autonomously

☐☐☐☐☐

Command of your study field or discipline

☐☐☐☐☐

Ability to think interdisciplinary

☐☐☐☐☐

Ability to plan and organise projects

☐☐☐☐☐

Teaching skills

☐☐☐☐☐

Ability to teach others

☐☐☐☐☐

Ability to write papers independently and responsibly

☐☐☐☐☐

Ability to build up and maintain networks of contacts

☐☐☐☐☐

Ability to lead negotiations and meetings and to moderate discussions

☐☐☐☐☐

Ability to motivate yourself and cope with stress

☐☐☐☐☐

Ability to evaluate processes, results and/or persons

## C RELATIONSHIP BETWEEN PHD AND PROFESSION

### ZH

KERN

only respondents, who have employment

C1  
Z89

When looking at your present professional tasks, to what extent do you use the skills and knowledge acquired during your course of studies and the doctorate?

Kern

To a very  
high  
extent

Not at all

1



2



3



4



5



only respondents, who have employment

C2  
ZP42

How would you characterise the relationship between your *field of study* and your current professional duties?

Fach

- ☐ My field of study is the only possible / best field for my professional responsibilities
- ☐ Some other fields of study could also have prepared me for my professional responsibilities
- ☐ Another field of study would have been more helpful to prepare me for my professional responsibilities
- ☐ The chosen field of study does not matter in my field of work

only respondents, who have employment

C3  
Z92

Considering all aspects of your employment situation (*status, position, salary, work tasks etc.*) , how appropriate is your current employment to your level of education?

Kern

To a very  
high  
extent

Not at all

1



2



3



4



5



only respondents, who have employment

C4  
Z516

Would you say that you are employed according to your higher education qualification?

Kern

Yes,  
definitely

No, not at  
all

1



2



3



4



5



Regarding your professional position



Regarding the level of your duties



Regarding your professional qualification (field of study)

**only respondents, who have employment**

C5 **How would you characterise the relation between the *subject of your dissertation* and your current professional field of work**

**Z90**

**Kern**

- ☐ My field of study is the only possible/by far the best field for my job tasks
- ☐ Some other fields could prepare for the area of work as well
- ☐ Another field of study would have been more useful
- ☐ The field of study does not matter in my job

**only respondents, who have employment**

C6 **In your opinion, which degree level is most appropriate for your current job?**

**Z91**

**Kern**

- ☐ Doctorate
- ☐ Master (or Diplom, Magister, Staatsexamen)
- ☐ Bachelor
- ☐ No academic degree necessary

**only respondents, who have employment**

C7 **Are you working in a position where...**

**Z517**

**Kern**

- ☐ a university degree is mandatory (e.g. doctor, pharmacist, teacher)?
- ☐ a university degree is the rule?
- ☐ a university degree is not the rule, but an advantage?
- ☐ a university degree is meaningless?

**only respondents, who have employment**

C8 **If you consider your job situation as not very appropriate or not particularly related to your course of studies, why did you take it up?**

**Z93**

**Optional**

Multiple answers possible

- ☐ Not applicable, my job is closely related to my course of studies
- ☐ My current job is only a temporary stepping stone, I am still searching for professional orientation
- ☐ I have not (yet) found an appropriate job
- ☐ I can get a higher income in my current job
- ☐ My current job offers more security
- ☐ My current job corresponds better to my interests
- ☐ My current job offers a flexible time schedule
- ☐ My current job enables me to work at a place which I prefer
- ☐ My current job allows me to take family needs into account
- ☐ Other:

C9

Z43

In retrospect, how satisfied are you with your doctorate?

Kern

Very  
satisfied

1



2



3



4

Very  
dissatisfied

5



C10

Z801

In your opinion, to what extent do the following statements apply to your study programme at the Technical University of Darmstadt?

Optional

Fully  
applicable

1



2



3



4

Does not  
apply at  
all

5



In my study programme , I was able to learn in a way that suited my needs

I was able to catch up on content that was required during my study programme at the Technical University of Darmstadt if necessary

The Technical University of Darmstadt provided me with very good opportunities to get help when I was not keeping up in a course

I was able to develop very well at the Technical University of Darmstadt in the fields in which I perform quite highly

Here you have the possibility to comment on your entries

C11

Z44

Looking back, if you were free to choose again would you choose...

Optional

Highly  
probable

1



2



3



4

Highly  
improbable

5



... the same advisor?

... the same topic?

... the same subject area?

... the same higher education institution?

... to do a doctorate again?

... (if applicable) to attend a structured doctoral programme again?

C12

Z110

What within your doctoral studies was particularly helpful and why?

Optional

C13

**Z111****What within your doctoral studies was not helpful at all and why?**

Optional

C14

**Z112****What important changes to the doctoral programme/process do you think should be considered by your university?**

Optional

C15

**ZH21\_51****How often did something happen during your doctoral programme that you felt to be discriminatory?**

HS

Often                      Never              No  
 1            2            3            4            5            6  
 response

☐   ☐   ☐   ☐   ☐   ☐

**Nur befragte, die Diskriminierung empfunden haben**

C16

**ZH21\_52****Who has been affected by these incidents?**

HS

(Multiple answers possible)

- ☐ I have been affected by the discriminatory experience.
- ☐ Another person has been / other people have been affected by the discriminatory experience.

**Nur befragte, die Diskriminierung empfunden haben**

C17

**ZH21\_67****In what form did you experience discrimination?**

HS

(You may give more than one answer)

- ☐ Structural barriers (e.g. toilets, entrances, signage in German only)
- ☐ Physical assault
- ☐ Verbal insults/degradation (e.g. jokes, negative remarks)
- ☐ Confrontation with prejudices
- ☐ Lack of recognition of achievements due to prejudice
- ☐ Negative evaluation of achievements due to prejudice
- ☐ Exclusion in the teaching/learning context
- ☐ Exclusion in everyday university life (e.g. cafeteria conversations)
- ☐ Discriminatory image and text material (e.g. posters, flyers and teaching materials)
- ☐ Discrimination in university processes (e.g. wrong form of address, misspelled name)
- ☐ Other, namely:
- ☐ No response

**Nur befragte, die Diskriminierung empfunden haben**

C18

**In which context did the discrimination take place?**

**ZH21\_68**

HS

(You may give more than one answer)

- ☐ Buildings, routes and access to the TU Darmstadt
- ☐ Teaching situation (by lecturers)
- ☐ Teaching situation (by students)
- ☐ Teaching materials
- ☐ Lab work (by lecturers)
- ☐ Lab work (by students)
- ☐ Examination
- ☐ Office hours
- ☐ Organisation/administration
- ☐ Leisure/sports activities at the TU Darmstadt
- ☐ Allocation of student/research assistant positions/internships/scholarships/funding
- ☐ Everyday university life (e.g. cafeteria conversations)
- ☐ Other, namely:
- ☐ No response

**Nur befragte, die Diskriminierung empfunden haben**

C19

**How did you deal with the situation?**

**ZH21\_69**

HS

(You may give more than one answer)

- ☐ I addressed the situation openly/attempted to clarify it.
- ☐ I talked about it with colleagues/students/friends/relatives.
- ☐ I sought professional help/counselling at the university .
- ☐ I sought professional help/counselling outside of the university.
- ☐ I reported the incident to the police.
- ☐ I ignored the incident.
- ☐ I tried to avoid the situation/person in the future.
- ☐ I blamed myself for the situation.
- ☐ Other, namely:
- ☐ No response.

**D**

**PRIOR TO STUDY PROGRAMME**

**ZA\_pdo**

KERN

First we would like to ask you to fill in information about your education and work experience before you first enrolled at a university.

D1 **Where have you gained your higher education entrance qualification before your enrolment?**

**Z1**

Kern

☐ In Germany → Please enter the postcode:  If postcode is not known → Please name the place:

☐ In another country → Please enter the name of the country:

D2 **Which kind of higher education entrance qualification did you have by your first enrolment at a German university?**

**Z2**

Kern

☐ General higher education entrance qualification (Allgemeine Hochschulreife, e.g. Abitur, A-levels, baccalauréat or equivalent)

☐ Advanced technical college certificate (Fachhochschulreife)

☐ Subject-specific entrance qualification (Fachgebundene Hochschulreife )

☐ Artistic aptitude test

☐ Aptitude test by examination ('Immaturenprüfung')

☐ Vocational qualification (e.g. Meister, Fachwirt, state certified business economist or similar)

☐ Other:

D3 **What was your average grade in the entrance qualification that entitled you to study?**

**Z3**

Kern

Average grade

(convert points to grade if necessary. If you have a foreign higher education entrance qualification, please enter the recognised grade or convert the foreign grade.)

D4 **Did you complete any vocational training/apprenticeship prior to your *first* enrolment ?**

**Z4**

Kern

☐ Yes, which:

☐ No

**only respondents, who attended professional training prior to the study**

D5 **To what extent was this vocational training/apprenticeship professionally connected to the content of your course of studies?**

**Z5**

Kern

To a very  
high  
extent

Not at all

1

☐

2

☐

3

☐

4

☐

5

☐



D6 **Apart from attending vocational training, did you acquire any work experience before your *first enrolment* ?**

**Z6**

Kern

Please include both full-time and part-time employment.

☐ Yes, approx. month(s):

☐ No

D7 **At which higher education institution did you finish your Master degree?**

**ZH21\_47**

HS

☐ Technical University of Darmstadt

☐ Other higher education institution in Germany → which one?

☐ Foreign higher education institution → which country?

D8 **Which final or average grade did you obtain in the course of study preceding your Ph.D.?**

**ZH21\_48**

HS

Please recalculate points to grades if necessary.

Final or average grade

**E COURSE OF STUDY**

**ZB\_pdo**

KERN

**BB1 YOUR PhD AT THE TECHNICAL UNIVERSITY OF DARMSTADT  
(completed in the 2022/23 winter semester or in the 2023 summer semester)**

Kern

In the following questions we ask you details about your course of study. Please inform us first about the PhD successfully completed in the 2022/23 winter semester or in the 2023 summer semester at the Technical University of Darmstadt. If you've started, already completed, or withdrawn from other study programmes, please inform us about those on the following pages.

**Bcalendar1 Please enter the time period of your PhD (completed in the 2022/23 winter semester or in the 2023 summer semester):**

Kern

From:

Until:

E1  
**Z10**

**Which final or average grade did you obtain in this doctorate?**

Kern

Please recalculate points to grades if necessary.

☐ Does not apply, at my university there is no final or average grade of the doctorate

Final or average grade

- ☐ Summa cum laude/mit Auszeichnung
- ☐ Magna cum laude/sehr gut
- ☐ Cum laude/gut
- ☐ Satis bene/befriedigend
- ☐ Rite/ausreichend/bestanden

**Please specify, if necessary (e.g. "with distinction"):**

**only respondents, whose university does not have a final or average grade of the doctorate**

E2  
**ZP45**

**What grade did you obtain for the written work for your PhD (dissertation or similar)?**

Fach

Please convert points to grades if necessary.

Written work grade

- ☐ Summa cum laude / with distinction
- ☐ Magna cum laude / very good
- ☐ Cum laude / good
- ☐ Satis bene / satisfactory
- ☐ Rite / sufficient / pass

**Please specify, if necessary (e.g. 'with distinction'):**

**only respondents, whose university does not have a final or average grade of the doctorate**

E3  
**ZP43**

**Which grade did you obtain for the oral examination of the PhD (thesis defence or similar)?**

Fach

Please convert points to grades if necessary.

Oral examination grade

- ☐ Summa cum laude / with distinction
- ☐ Magna cum laude / very good
- ☐ Cum laude / good
- ☐ Satis bene / satisfactory
- ☐ Rite / sufficient / pass

**Please specify, if necessary (e.g. 'with distinction'):**

The following questions refer to the PhD you completed in the 2022/23 winter semester or in the 2023 summer semester at the Technical University of Darmstadt.

**F1**  
**ZP35**

**How would you rate the following advisory and guidance elements in your PhD field of study?**

**Fachoptional**

Very good					Very bad	Did not exist	
1	2	3	4	5	6		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Subject-related advice and mentoring by lecturers
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Discussion of partial submissions of the dissertation, essays, presentation manuscripts, etc.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Individual career advice in your department
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Individual study advice in your department
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Support in finding a job

**F2**  
**ZP17**

**How would you evaluate the following support options in your PhD field of study?**

**Fachoptional**

Very good					Very bad	Not available	Not used	
1	2	3	4	5	6	7		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Courses on good academic practice
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Training in higher education didactics
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Opportunities to acquire practical teaching experience
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Preparation for dealing with foreign-language literature
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Preparation for specialised foreign-language communication
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Courses for acquisition of communication skills
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Courses for acquisition of further key competencies
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Options for third-party funding / applications
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Information about legal questions around research
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Career planning options
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Career-oriented events
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Support in finding appropriate internships
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Child care availability

F3

ZH21\_33

**How do you rate the following central services at Technical University of Darmstadt? (Please rate only the services that you have used.)**

HS

Very good

Very bad

1

2

3

4

5

☐☐☐☐☐

Department VIII - International Affairs

☐☐☐☐☐

Job fair at Technical University of Darmstadt (konaktiva)

☐☐☐☐☐

Alumni management

☐☐☐☐☐

University Sports Centre (USZ)

☐☐☐☐☐

Language Resource Centre (SPZ)

☐☐☐☐☐

Center for Educational Development and Technology (HDA)

G

ZC\_pdo

## ADMISSION TO AND PROGRESSION OF THE PHD

KERN

In the following segment we would like to know more about how you gained admission to the PhD and how it progressed. If you acquired more than one PhD, please relate your answers to the last completed PhD (in the 2022/23 winter semester or in the 2023 summer semester) at the Technical University of Darmstadt.

G1

ZP4

### How did you gain access to the PhD?

Fach

You may give more than one answer

☐

I contacted an advisor(s) directly on my own initiative

☐

I was approached by an advisor regarding a PhD

☐

I was recommended by another professor / another person

☐

I applied in response to an advertisement/announcement

☐

Other:

G2

ZP5

### How did you get in contact with your advisor?

Fachoptional

You may give more than one answer

☐

I knew him/her from my courses and exams

☐

He/she was my advisor for the thesis in my undergraduate study programme

☐

I worked for him/her as a student assistant

☐

The advisor was already my supervisor (e.g. project leader, tenured professor)

☐

He/she was recommended to me by other PhD candidates

☐

He/she was recommended to me by other professors

☐

I did not know him/her personally but asked for his/her help with my PhD

☐

I was not allowed to choose my advisor. He/she was assigned to me

☐

Other:

G3

**ZH21\_36**

**Why did you choose TU Darmstadt for your PhD Programme?**

HS

Multiple answers possible

- ☐ Good reputation of the TU Darmstadt
- ☐ Good reputation of professors at the TU Darmstadt
- ☐ Personal links with Professors
- ☐ Links with industry
- ☐ Good research facilities
- ☐ Attractive job offer
- ☐ I knew TU Darmstadt already from studying there
- ☐ Private focus of life in the region
- ☐ PhD in the desired research field
- ☐ It turned out that way rather by chance
- ☐ Other, namely:

G4

**ZP6**

**When did you hand in your dissertation for assessment?**

Fach

G5

**ZP7**

**When did you receive the final assessment?**

Fach

G6

**Z14**

**When was your last oral exam (viva voce / thesis defence)?**

Fach

G7

**ZP8**

**Looking back to the time of your PhD, how did you mainly finance it?**

Fach

- ☐ Paid work at an HEI / research institute
- ☐ Paid work outside of an HEI / research institute
- ☐ Self-employed/freelance work
- ☐ Scholarship
- ☐ External/family financial support (e.g. parents, spouse, etc.)
- ☐ Other:

**only respondents, whose main source of finance during the doctorate was not a scholarship**  
**only respondents, whose main source of finance during the doctorate was employment**

G8

**Z16P**

**Did this employment have any relationship to your PhD?**

**Fach**

To a very  
high  
extent

Not at all

1

☐

2

☐

3

☐

4

☐

5

☐

**only respondents, whose main source of finance during the doctorate was not a scholarship**

G9

**Z17P**

**Did you receive a scholarship for your PhD?**

**Fach**

☐

Yes

☐

No

G10

**Z18P**

**Did you participate in a structured PhD programme (e.g. postgraduate programme, graduate school, PhD programme)?**

**Fach**

☐

Yes

☐

No

G11

**ZP13**

**Did your dissertation take you longer than you initially planned?**

**Fach**

☐

Yes

☐

No

**only respondents, whose dissertation took longer than initially planned**

G12

**ZH21\_50**

**How many months did your dissertation take you longer than you initially planned?**

**HS**

months

only respondents, whose dissertation took longer than initially planned

G13

**ZP14**

**What were the reasons for extending the duration of your dissertation?**

Fach

You may give more than one answer

- ☐ Other degrees (internship/Referendariat, state exam, other study programme, further education)
- ☐ Career entry, start of employment
- ☐ Work load of professional activities at the HEI / research institution
- ☐ Work load of professional activities outside the HEI / research institution
- ☐ Work load from activities other than dissertation (e.g. teaching, research, administration/organisation)
- ☐ Involvement in other research projects
- ☐ Topic turned out to be not realisable
- ☐ Doubts about my suitability for this topic
- ☐ Lack of interest in the topic
- ☐ Insufficient guidance
- ☐ Personal or other problems with supervisor
- ☐ Uncertainty about continued employment at the HEI / research institution
- ☐ Financial reasons
- ☐ Health reasons
- ☐ Parenting/pregnancy
- ☐ Other personal/family-related issues
- ☐ Other reasons, specifically:

G14

**ZP33**

**Did work on the dissertation clash with other commitments?**

Fach

- ☐ Yes, considerably
- ☐ Yes, a little
- ☐ No, almost not at all
- ☐ No, not at all

G15

**ZP34**

**To what extent did the following commitments clash with your dissertation?**

Fachoptional

To a very  
high  
extent

Not at all

1

2

3

4

5

☐

☐

☐

☐

☐

Professional commitments (e.g. teaching commitment)

☐

☐

☐

☐

☐

Family commitments

☐

☐

☐

☐

☐

Other:

G16

**ZP15**

**Which of the following statements apply to you?**

**Fach**

- ☐ I never interrupted my PhD and never considered withdrawing
- ☐ I seriously considered withdrawing from the PhD, but did not do so
- ☐ I interrupted my work on the PhD for 6 months or less
- ☐ I interrupted my work on the PhD for more than 6 months

**only respondents, who considered doing so**

G17

**ZH21\_71**

**For what reasons have you seriously considered withdrawing from the PhD?**

**HS**

**only respondents, who interrupted their doctorate or considered doing so**

G18

**ZP16**

**What were the reasons for the (possible) interruption of your PhD?**

**Fach**

You may give more than one answer

- ☐ Other degrees (internship/Referendariat, state exam, other study programme, further education)
- ☐ Career entry, start of employment
- ☐ Work load of professional activities at the HEI / research institution
- ☐ Work load of professional activities outside the HEI / research institution
- ☐ Work load from activities other than dissertation (e.g. teaching, research, administration/organisation)
- ☐ Involvement in other research projects
- ☐ Topic turned out to be not realisable
- ☐ Doubts about my suitability for this topic
- ☐ Lack of interest in the topic
- ☐ Insufficient guidance
- ☐ Personal or other problems with supervisor
- ☐ Uncertainty about continued employment at the HEI / research institution
- ☐ Financial reasons
- ☐ Health reasons
- ☐ Parenting/pregnancy
- ☐ Other personal/family-related issues
- ☐ Other reasons, specifically:

G19

**Z36**

**Did you spend time in foreign countries (outside of Germany) during your doctorate?**

**Kern**

- ☐ Yes
- ☐ No



**only respondents, who spent some time abroad during their study**

G20

**Z38H**

**Please specify the episodes of your stay abroad**

**Kern**

You may give more than one answer

**Stay abroad**

Please select

Purpose of stay abroad

In which country did you stay?

From

To

Was this stay abroad a compulsory stay?

☐ Yes

☐ No

Was your stay abroad recognised as part of your study programme in Germany, e.g. in the form of ECTS points?

☐ Yes

☐ Partly

☐ No

Was it your aim to have the achievements recognised?

☐ Yes

☐ No

[Neue Zeile einfügen](#) (maximal 5)

**only respondents, who spent some time abroad during their study**

G21

**Z39**

**Was your stay abroad supported by a particular funding programme?**

**Optional**

☐ Yes

☐ No

only respondents, who spent some time abroad during their study  
only respondents, whose stay abroad was supported by a particular funding programme

G22  
Z40

### Which programmes supported your stay abroad?

Optional

Multiple answers possible

#### German funding programme

- ☐ DAAD scholarship
- ☐ Pädagogischer Austauschdienst (PAD)/COMENIUS
- ☐ Scholarship by a German university
- ☐ Other funding programme in Germany

#### Foreign/international funding programme

- ☐ Socrates/Erasmus/Erasmus+
- ☐ Leonardo Da Vinci scholarship
- ☐ Scholarship provided by the hosting university (abroad)
- ☐ Other foreign funding programme
- ☐ Other:

G23  
Z41

### To what extent do the following statements apply to your doctorate?

Kern

To a very  
high  
extent

Not at all

1

2

3

4

5

☐

☐

☐

☐

☐

My doctorate was not as important to me as other aspects of my life.

☐

☐

☐

☐

☐

I always did more for my doctorate than expected from me.

☐

☐

☐

☐

☐

I focused on the aspects of my doctorate which interested me the most.

☐

☐

☐

☐

☐

I planned my doctorate in accordance with the demands of the job market.

## H YOUR SITUATION AFTER COMPLETING PHD

ZE

OPTIONAL

The following section refers to your situation after completing your PhD in the 2022/23 winter semester or in the 2023 summer semester.

**nur Befragte, die Bachelor of Education, Double Degree Master, Double Degree Bachelor, Lehramt an Gymnasien oder Master of Education oder Promotion abgeschlossen haben**

H1

**ZH21\_79**

**To what extent did you possess the following skills/competencies upon finishing your doctoral degree?**

HS

To a very  
high  
extent

Not at all

1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to gather information of different sources
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to recognize interrelations
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to gauge relevance of information
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to take decisions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to develop problem-solving strategies
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to plan and organize
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to express myself adequately in speaking
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to express myself adequately in writing
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to communicate in English
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to self-reflect
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to handle received criticism
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to express criticism constructively
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to work in teams
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to apply theoretical knowledge practically
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to adapt flexibly to new situations
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to create new ideas
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to work autonomously
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Command of your study field or discipline
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to think interdisciplinary
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to plan and organise projects
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Teaching skills
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to teach others
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to write papers independently and responsibly
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to build up and maintain networks of contacts
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to lead negotiations and meetings and to moderate discussions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to motivate yourself and cope with stress
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ability to evaluate processes, results and/or persons

H2

**ZP31**

**Since your PhD graduation, how much time have you spent outside of Germany either professionally or for vocational training?**

Fach

Month(s)

H3  
**Z97**

**Since the completion of your doctorate did you ...**

Optional

Multiple answers possible

- ☐ ...studied outside Germany?
- ☐ ...done an internship outside Germany?
- ☐ ...searched for an employment outside Germany?
- ☐ ...worked outside Germany?
- ☐ ...been sent on work assignments outside Germany by your employer?
- ☐ None of these

**I**

## **SEARCH FOR EMPLOYMENT**

**ZF**

**KERN**

The following section refers to the period of searching for employment directly after your PhD in the 2022/23 winter semester or in the 2023 summer semester (exclude temporary, non-study-related jobs, but include paid vocational training like internships, residencies, specialist training, etc., also in an employment relationship).

I1

**Have you been searching for a job after finishing your PhD?**

**Z296**

**Kern**

Multiple answers possible

- ☐ Yes
- ☐ No, I continued my already existing occupation after my PhD, which was not related to my PhD
- ☐ No, I continued my already existing occupation after my PhD, which was related to my PhD
- ☐ No, I found a job without searching
- ☐ No, I became self-employed/a freelancer
- ☐ No, I took parental leave
- ☐ No, other reasons:

**only respondents, who have searched for a job**

I2

**Which career path did you intend to pursue directly after your PhD?**

**ZP18**

**Fach**

- ☐ Academic career (e.g. university, independent research institute, university hospital)
- ☐ Non-academic career (e.g. industry, administration, self-employment)
- ☐ I wanted to keep my options open for academic and non-academic careers
- ☐ I had not yet dealt with this question
- ☐ Other plans:

**only respondents, who have searched for a job**

I3 **When did you start searching for a job?**

**Z52**

**Kern**

Please exclude temporary non study related jobbing.

- ☐ During the doctorate
- ☐ Around the time I was finishing the doctorate
- ☐ After finishing the doctorate

**only respondents, who have searched for a job**

I4 **How many employers did you approximately contact? (applications etc.)**

**Z55**

**Optional**

Number of contacted employers

**only respondents, who have searched for a job**

I5 **How did you search for employment after you finished the doctorate?**

**Z53**

**Kern**

Multiple answers possible

- ☐ Replied to job ads/announcements (e.g. newspaper, internet, notice)
- ☐ Unsolicited application - I contacted employers without knowing about a vacancy
- ☐ Job fair
- ☐ Application for teaching traineeship
- ☐ Through the public employment agency
- ☐ Through internet (social) networks (e.g. XING, LinkedIn)
- ☐ Through private job agencies
- ☐ Through the career service/career center
- ☐ Through other job search assistance at the university (excluding career service/career center)
- ☐ Through already existing personal contacts
- ☐ Other:

**only respondents, who have searched for a job**

I6 **How many months in total did you search for your first job? If you have not found a job yet, how many months did you search so far?**

**Z56**

**Kern**

Please exclude temporary non study related jobbing.

Month(s) searching for first job

**only respondents, who have searched for a job**

I7

**Z54**

**Which strategy led to your first employment after the doctorate?**

**Kern**

- ☐ Replied to job ads/announcements (e.g. newspaper, Internet, notice)
- ☐ Unsolicited application - I contacted employers without knowing about a vacancy
- ☐ Job fair
- ☐ Application for teaching traineeship
- ☐ Through the public employment agency
- ☐ Through Internet (social) networks (e.g. XING, LinkedIn)
- ☐ Through private job agencies
- ☐ Through instruments of the career service/career center
- ☐ Through services of the university (without career service/career center)
- ☐ Through already existing personal contacts
- ☐ Not applicable, I have not found an employment yet
- ☐ Other

**only respondents who found or continued employment after graduation or continued**

I8

**Z300**

**Do you still have this job?**

**Kern**

- ☐ Yes
- ☐ No

**K**

**ZY4\_pdo**

**SATISFACTION WITH THE JOB**

**KERN**

In the following, we would like to find out which professional goals you have been able to achieve so far.

K1  
Z98

## How important are the following occupational aspects for you in general?

Kern

Very important					Not at all important	
1	2	3	4	5		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Largely independent nature of the work	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to undertake scientific/scholarly work	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Clear and well-ordered work tasks	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to use your acquired knowledge and skills	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Job security	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Social recognition and status	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to realise your own ideas	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pleasant working climate	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to pursue continuous learning	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	High income	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Chances of social influence	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	To have a challenging job	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Good career prospects	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	A co-ordinating and managerial role	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to do something useful for society	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Opportunity to combine the demands of work with those of your family	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sufficient time for leisure activities	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Interesting work contents	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	To enhance your career	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	To exercise a profession, which is generally comparable to the profession of your parents (i.e., a profession for which a similarly high level of educational attainment is necessary)	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Possibility of self-fulfilment	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Flexible work schedule	

only respondents, who have employment

K2  
Z99

To what extent do the following aspects apply to your current job situation?

Kern

To a very  
high  
extent

Not at all

1

2

3

4

5



Largely independent nature of the work



Opportunity to undertake scientific/scholarly work



Clear and well-ordered work tasks



Opportunity to use your acquired knowledge and skills



Job security



Social recognition and status



Opportunity to realise own ideas



Pleasant working climate



Opportunity to pursue continuous learning



High income



Chances of social influence



To have a challenging job



Good career prospects



A co-ordinating and managerial role



Opportunity to do something useful for society



Opportunity to combine the demands of work with those of your family



Sufficient time for leisure activities



Interesting work contents



To enhance your career



To exercise a profession, which is generally comparable to the profession of my parents (i.e., a profession for which a similarly high level of educational attainment is necessary)



Possibility of self-fulfilment



Flexible work schedule

K3  
Z100

Even though you don't have a regular job at the moment, how satisfied are you overall with your current job situation? (Gefilterter Fragetext)  
How satisfied are you overall with your current job situation? (Gefilterter Fragetext)

Kern

Very  
satisfied

Very  
dissatisfied

1

2

3

4

5





**kein Unternehmen gegründet**

K4

**ZH21\_64**

**In principle, can you envisage starting your own business?**

HS

To a very  
high  
extent

Not at all

1

☐

2

☐

3

☐

4

☐

5

☐

K5

**ZH21\_65**

**How important do you personally rate the transfer of entrepreneurial competencies in your doctoral programme?**

HS

Very  
important

Not  
important  
at all

1

☐

2

☐

3

☐

4

☐

5

☐

**only respondents, who have employment**

**only respondents, whose first employment after graduation corresponds to the (current) employment at the time of the survey**

### **CHANGE IN EMPLOYMENT**

**ZY5\_pdo**

KERN

In the following we would like to know if there have been any changes in your employment so far.

**only respondents, who have employment**

**only respondents, whose first employment after graduation corresponds to the (current) employment at the time of the survey**

K6

**Z148**

**Since you started your current job, have there been changes to the specified job characteristics?**

Kern

If you started your current job before your graduation in the 2022/23 winter semester or in the 2023 summer semester, please refer to changes occurring after your graduation. You may give more than one answer

- ☐ Yes, the position has changed (e.g. receiving civil-servant status, addition of managerial functions)
- ☐ Yes, the type of contract has changed (e.g. receiving an unlimited contract)
- ☐ Yes, the contractual weekly hours of work have changed
- ☐ Yes, the actual weekly hours of work have changed
- ☐ Yes, the *gross* monthly income has changed
- ☐ Yes, the job title has changed
- ☐ Yes, the main activity has changed
- ☐ No, none of the above characteristics have changed

**only respondents, whose employment has changed since its start**

You stated that in the course of your current job, changes have occurred. Please refer to the situation at the start of your current employment. If you started your current employment before your graduation in the 2022/23 winter semester or in the 2023 summer semester, please refer to the situation immediately after graduation.

only respondents, whose first employment after graduation does not correspond to the (current) employment at the time of the survey

## THE FIRST JOB AFTER GRADUATION

ZY9\_pdo

KERN

You have indicated that you are no longer in your first employment. Please now provide information about your first employment.

only respondents, whose job position has changed since the start of the current employment

K7 What was your position in your job?

Z149

Kern

- ☐ Employee (Gefiltertes Item)
- ☐ Public servant (Gefiltertes Item)
- ☐ Worker (Gefiltertes Item)
- ☐ Research assistant (Gefiltertes Item)
- ☐ Student trainee (Gefiltertes Item)
- ☐ Self-employed in academic professions (Gefiltertes Item)
- ☐ Self-employed in trade, industry, services, etc. (Gefiltertes Item)
- ☐ Legal clerkship/trainee teacher (Gefiltertes Item)
- ☐ Induction year (Gefiltertes Item)
- ☐ Voluntary (Gefiltertes Item)
- ☐ Trainee (Gefiltertes Item)
- ☐ Vocational training/apprenticeship (Gefiltertes Item)
- ☐ Other:  (Gefiltertes Item)

only respondents, whose job position has changed since the start of the current employment  
only public servants

K8 What kind of public servant were you?

Z503

Kern

- ☐ Low-level public servant
- ☐ Mid-level public servant
- ☐ Executive-level public servant
- ☐ High-level public servant

only respondents, whose job position has changed since the start of the current employment  
only employees

K9 I was an employee...

Z504

Kern

- ☐ performing duties according to general instructions (e.g. salesperson, typist)
- ☐ performing a qualified activity according to instructions (e.g. clerk)
- ☐ performing independent tasks in self-directed work (e.g. scientist, doctor, engineer, social worker, teacher, department manager, procurator)
- ☐ with comprehensive management tasks and decision-making powers (e.g. director, executive director, executive board of larger companies and associations)

**only respondents, whose job position has changed since the start of the current employment  
only employees**

K10 **As a self-employed person I had...**  
**Z530**

Kern

- ☐ no further employees
- ☐ 1 additional employee
- ☐ 2-4 additional employees
- ☐ 5-9 additional employees
- ☐ more than 10 additional employees

**only respondents, whose type of contract has changed since the start of the current employment**

K11 **Did you have a fixed-term or unlimited contract?**  
**Z150**

Kern

- ☐ Unlimited term
- ☐ Fixed term

**only respondents, whose working hours have changed since the start of the current employment**

K12 **How many hours per week do you work on average?**  
**Z151**

Kern

- Contracted weekly hours of work
- Actual weekly hours of work

**only respondents, whose gross monthly income has changed since the start of the current employment**

K13 **What was your current gross monthly income (incl. special payments and overtime)? (Gefilterter Fragetext)**  
**Z152** **Please estimate your monthly profit taxes excluded. (Gefilterter Fragetext)**

Kern

[Antwortoptionen auf- / zuklappen](#)

**only respondents, whose first employment after graduation does not correspond to the (current) employment at the time of the survey**

K14 **Where were you employed?**  
**Z66**

Kern

- ☐ In Germany → Please enter the postcode:   
If postcode is not known → Please name the place:
- ☐ In another country → Please enter the name of the country:

**L PERSONAL DETAILS**  
**ZL**

KERN

The following section asks for just a few brief personal details.

L1

**What is your gender?****Z101****Kern**

- ☐ Male
- ☐ Female
- ☐ Diverse

L2

**What year were you born?****Z102****Kern** Year of birth

L3

**In which country were you born?****Z171****Kern**

- ☐ In Germany
- ☐ In another country:

L4

**Where do you currently live?****Z103****Kern**

- ☐ In Germany → Please enter the postcode:
- If postcode is not known → Please name the place:
- ☐ Other country → Please state the name of the country:

L5

**Did you acquire your higher education entrance qualification at a Studienkolleg?****Z540****Optional**

Note: Studienkollegs are institutions where applicants with a foreign university entrance qualification that is not recognised as equivalent to the German Abitur are prepared for study programmes at a German university

- ☐ Yes
- ☐ No

L6

**In which country were your parents born?****Z104****Kern**

- | Parent 1 (e.g. father) | Parent 2 (e.g. mother) |
|------------------------|------------------------|
| <input type="radio"/>  | <input type="radio"/>  |
| <input type="radio"/>  | <input type="radio"/>  |

L7

**Which citizenship do you have?****Z105****Kern**

You may give more than one answer

- ☐ German citizenship
- ☐ Other citizenship:

L8

**Z107**

**Did/do you have children living in your household?**

Kern

☐ Yes → how many?  Child(ren)

☐ No

**only respondents, who have children living in the household**

L9

**Z127**

**Wann sind Ihre Kinder geboren?**

Kern

Month and year of first child's birth

Month and year of second child's birth

Month and year of third child's birth

Month and year of fourth child's birth

Month and year of fifth child's birth

Month and year of sixth child's birth

Month and year of seventh child's birth

Month and year of eighth child's birth

Month and year of ninth child's birth

Month and year of tenth child's birth

Month and year of eleventh child's birth

Month and year of twelfth child's birth

L10

**Z108**

**What is the highest level of your parents' education?**

Kern

Parent Parent 2

1 (e.g. (e.g.  
father) mother)

☐ ☐ Vocational training/apprenticeship

☐ ☐ Degree at a technical or commercial college

☐ ☐ Master's certificate or state certified technician

☐ ☐ Degree at a professional college (GDR)

☐ ☐ Degree at an university of applied science

☐ ☐ Degree at an engineering college or commercial academy

☐ ☐ Degree at an art or music college

☐ ☐ University degree

☐ ☐ Doctorate

☐ ☐ Habilitation

☐ ☐ No professional training

☐ ☐ Unknown

☐ ☐ Other

L11

**Z156**

**Did you have a type of disability/chronic illness?**

**Kern**

Multiple answers possible

- ☐ Impairment of mobility
- ☐ Impairment of sight/blindness
- ☐ Impairment of hearing/deafness
- ☐ Impairment of speaking
- ☐ Psychological impairment/illness (e.g. psychosis, depression, eating disorder, addiction)
- ☐ Chronic somatic illness (e.g. asthma, gastro-intestinal disease, diabetes, rheumatism, multiple sclerosis)
- ☐ Specific developmental disorder (e.g. dyslexia, dyscalculia)
- ☐ Other impairment/illness:
- ☐ I did not have any kind of disability/chronic illness.

**only respondents, who have a disability/chronic illness**

L12

**Z157**

**In how far did your disability/chronic disease impair you during your doctoral studies?**

**Optional**

To a very  
high  
extent

Not at all

1



2



3



4



5



**only respondents, who have a disability/chronic illness**

L13

**Z158**

**Did you possess a severely handicapped pass (Schwerbehindertenausweis) during your doctoral studies?**

**Kern**

☐ Yes → Degree of Disability:

☐ No

**only respondents, who have a disability/ chronic illness**

**L14 In which areas linked to your chronic illness or disability do you see need for improvement?**

**Z159**

Optional

Multiple answers possible

- ☐ Barrier-free facilities at the university (including outdoor areas)
- ☐ Barrier-free offers of information of the university (e.g. website, flyer)
- ☐ Barrier-free courses
- ☐ Counseling for students with disabilities/ chronic illnesses with regard to social concerns
- ☐ Support for students with disabilities/ chronic illnesses with regard to social concerns
- ☐ Counseling for students with disabilities/ chronic illnesses to apply for compensation of disadvantages (Nachteilsausgleichsregelungen) for studying and exams
- ☐ Support for students with disabilities/ chronic illnesses to apply for compensation of disadvantages (Nachteilsausgleichsregelungen) for studying and exams
- ☐ Information about offers to support students with disabilities/ chronic illnesses of the university
- ☐ Provision of technical aid for students with disabilities/ chronic illnesses by the university
- ☐ Implementation of compensation of disadvantages (Nachteilsausgleiche) for students with disabilities/ chronic illnesses for studying and exams
- ☐ Supporting networking with other students with disabilities/ chronic illnesses
- ☐ Other:
- ☐ No need for improvement

**L15 How would you rate the following aspects of this questionnaire?**

**Z129**

Optional

Very good					Very bad	
1	2	3	4	5		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Understandable phrasing	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Length of the questionnaire	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Clarity of the questionnaire	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Relevance to your field of study	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Relevance to your field of work after study	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Relevance of questions to adapt study offerings to professional requirements	

**L16 Other comments (e.g. regarding your study in general, regarding the questionnaire)**

**ZH21\_37**

HS

**M CONTACT WITH THE TECHNICAL UNIVERSITY OF DARMSTADT**

**ZO**

OPTIONAL

Finally please indicate what kind of contact you would like to have with the Technical University of Darmstadt or faculty/department/institute.

**O****SURVEY SPOTLIGHT****ZBS23****OPTIONAL**

As part of the Cooperation Project Graduate Studies (KOAB), an annual survey spotlight is conducted. This short survey spotlight consists of a few questions and is developed by scientists who contribute to the KOAB project with their topics. The data will be made available to the researchers. The scientists then use the data collected to write articles for open-access journals. It goes without saying that we comply with all data protection regulations. This year, Franziska Deutschmann (Center for Quality Assurance and Development) at Johannes Gutenberg-University Mainz will be responsible for the survey spotlight. Below you will find the corresponding questions that were asked by the researchers.

**O1****Z553****How burdensome would/are the following aspects of an academic qualification phase (be) for you personally?****Kern**

Not burdensome at all					Very burdensome	
1	2	3	4	5		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Time and performance pressure (overtime, fixed-term employment, as much output as possible)	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Spatial and temporal flexibility (lack of boundaries between private life and doctorate/profession, stays abroad, attendance at (international) conferences)	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Financial pressure (part-time employment, amount and duration of the scholarship)	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Requirements for personal skills (teamwork, teaching and presentation skills, leadership, communication and social skills)	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Demands on personal resources (hope, resilience, self-efficacy, optimism)	

**P****SERVER FORWARDING****ZZ****KERN**

As we would like to ask you for your email address in order to invite you to a follow-up survey in a few years and such data must be stored separately from survey data for data protection reasons, you will now be forwarded to another server.