

Technische Universität Dresden

Faculty of Civil Engineering

Doctoral Regulations

as of December 19, 2015

including the amendments as of July 16, 2020

Pursuant to §§ 40, 88 para.1 No. 2, 13 para. 4 sentence 1 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (*SächsHSFG*) of 10th December 2008 (*SächsGVBl.* p. 900), as amended by the announcement of 15th January 2013, the Faculty Board of the Faculty of Civil Engineering of Technische Universität Dresden issued the following Doctoral Regulations as statutes.

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§ 1

Scope of application

These Regulations govern the implementation of the Doctoral Procedure at the Faculty of Civil Engineering.

§ 2

Doctoral Degrees

(1) The Faculty of Civil Engineering awards the academic degree on behalf of Technische Universität Dresden following a doctoral procedure

Doktor-Ingenieur
(Dr.-Ing.).

(2) According to the decision of the Faculty Board, Technische Universität Dresden also awards the academic degree

Dr.-Ing. Honorary
(Dr.-Ing. E. h.).

§ 3

Doctoral Procedure

(1) The Doctoral Procedure serves as proof of both the special qualification for independent academic work as well as proof of an academic education in the scientific field of civil engineering that goes beyond the general objective of the course of studies.

(2) Except in the case of an honorary doctorate according to § 18, evidence is provided by the dissertation according to § 10 and the oral doctoral examination according to § 11.

§ 4

Doctoral Bodies

(1) The Body responsible for Doctoral Degrees is the Faculty Board. For this purpose, the Faculty Board forms a Doctoral Committee as a permanent body of the faculty. It is chaired by: the Dean or a higher education lecturer proposed by the Dean, at least three other higher education lecturers and graduated research and teaching associate of the faculty. The members of the Doctoral Committee are appointed by the Faculty Board for a term of three years. A re-appointment is possible.

(2) After the opening of the doctoral procedure, the Doctoral Committee appoints a Doctoral Commission for the tasks assigned to it under these Regulations, appoints its chairperson and appoints the examiners. The Doctoral Commission consists of at least five members, of whom all reviewers must be members. The Chairperson of the Doctoral Commission must be a higher education lecturer of the faculty; § 10 paragraph 5 applies to the examiners. The members of the Doctoral Commission are usually higher education lecturers of the faculty. The appointment of employees of the faculty who are qualified as university lecturers, TUD Young Investigators, non-

faculty higher education lecturers or qualified researchers is only possible in exceptional cases, especially if it is required by the thesis. When conducting cooperative doctoral procedures with a University of Applied Sciences, one member of the Doctoral Commission shall be a higher education lecturer of the responsible University of Applied Sciences.

(3) The meetings of the Doctoral Committee and the Doctoral Commission are not public. Their members are sworn to secrecy. The provisions of the Saxon Act on the Autonomy of Institutes of Higher Education in the Free State of Saxony and the provisions of the Fundamental Principles of Technische Universität Dresden for university bodies shall apply to the majority of resolutions. Minutes shall be kept of the deliberations and resolutions in doctoral matters.

§ 5

Rules of Procedure and Appeal Procedures

(1) The candidate will be informed in writing of decisions made by the responsible bodies in the doctoral procedure. The Chairperson of the competent body shall give notice of incriminating decisions by means of an appealable decision, which shall state the reasons on which it is based and contain information on legal options.

(2) There is a formal appeal procedure against decisions in the doctoral procedure, which are an administrative act. The Faculty Council serves as the opposition authority. Decisions in the doctoral procedure with administrative act quality are in particular:

1. non-admission to doctoral studies and rejection as a doctoral candidate, as well as revocation of acceptance as a doctoral candidate,
2. the non-opening of the doctoral procedure,
3. the non-acceptance of the dissertation,
4. the evaluation of the doctoral examinations,
5. the non-admission to the repetition of doctoral examinations,
6. the unsuccessful termination (discontinuation) of the doctoral procedure and
7. the non-awarding of the doctoral degree.

(3) The candidate will be granted access to the doctoral file upon request after completion of the doctoral procedure.

§ 6

Admission to the Doctoral Procedure

(1) Admission to the doctoral procedure is restricted to those who

1. a) have obtained a *Diplom*, Master or *Magister* degree at a university or the State Examination in a course of study in engineering, have completed their studies with an overall grade of at least "good" and has completed the relevant final thesis with at least the grade "good", or
- b) have obtained a *Diplom*, Master or *Magister* degree from a university or the State Examination in a course of study specific to engineering (e.g. teaching profession at vocational schools, civil engineering or wood technology) or mathematics, natural sciences or economics, has generally completed the course of study with an overall grade of at least "good", has completed the corresponding final thesis with at least the grade "good" and has passed the aptitude test in accordance with § 7 para. 1;

2. fulfil the personal requirements to hold a doctoral degree;
3. have not already unsuccessfully completed a doctoral procedure twice or who is not in a pending doctoral procedure and
4. have submitted an application for admission as a doctoral candidate with all necessary documents in accordance with § 8.

(2) Admission to the doctoral procedure is also granted to those who have acquired a Bachelor's degree from a university in a course of study which corresponds in its orientation to a course of study of the faculty, who have completed the course of study with the grade "very good", who have demonstrated their fundamental aptitude for academic work through the level of the final thesis (structure and content) and who have passed the aptitude test in accordance with § 7 paragraph 2. Paragraph 1 numbers 2 to 4 apply accordingly.

(3) Graduates of a University of Applied Sciences can be admitted in a cooperative procedure.

(4) Not eligible for the doctoral procedure are those who

1. do not fulfil the conditions set out in paragraph 1 or paragraph 2,
2. engage and have engaged intermediaries for a fee in order to enhance the opportunities for the doctoral procedure,
3. pay fees in connection with the doctoral procedure and its preparation and make use of services free of charge which are contrary to the purpose of an examination procedure,
4. provide or have provided services in connection with the doctoral procedure and its preparation in return for payment, which is contrary to the purpose of an examination procedure.

(5) The Doctoral Committee decides on the recognition of the equivalence of international examinations and degrees, taking into account equivalence agreements. In cases of doubt, a statement from the Saxon State Ministry for Higher Education, Research, Culture and Tourism must be obtained. In cases where applicants academic degrees obtained internationally are approved in the form of a German degree entitling them to pursue doctoral studies, this degree shall be recognised as equivalent.

(6) The admission decision is made within the framework of the decision on admission as a doctoral candidate according to § 8.

§ 7 Aptitude Test

(1) For admission to the doctoral procedure according to § 6 paragraph 1 No. 1 lit. b, two module examinations that are related to the topic of the dissertation must be completed with at least the grade "good". The module examinations must originate from the courses offered by the Faculty of Civil Engineering and are determined by the Doctoral Committee on the recommendation of the potential academic supervisor. The module examinations are conducted and evaluated in accordance with the relevant examination regulations. Deviating from this, module examinations may, with the consent of the responsible examiner, also be taken outside the regular examination dates and written module examinations may also be taken orally.

(2) For admission to the doctoral procedure in accordance with § 6, paragraph 2, additional study achievements totalling at least 30 or at most 90 credit points must be completed with at least the

grade "good". The assessed academic pieces of work must be taken from the range of courses offered by the Faculty of Civil Engineering and are determined by the Doctoral Committee on the recommendation of the potential academic supervisor. The implementation and evaluation of the academic performances are conducted according to the relevant examination regulations.

§ 8

Admission as a Doctoral Candidate

(1) Whoever fulfils the admission requirements according to § 6 and intends to complete a doctoral procedure at the Faculty of Civil Engineering must apply for admission as a doctoral candidate. An application for admission as a doctoral candidate is the expression of the applicant's intention to complete a doctoral procedure at the faculty.

(2) The application must be submitted in writing to the Chairperson of the Doctoral Committee. The application shall be accompanied by

1. the intended topic of the dissertation,
2. a written declaration of intent by a higher education lecturer of the faculty or by a TUD Young Investigator to provide the applicant with academic supervision during the preparation of the dissertation in accordance with paragraph 4,
3. proof of fulfilment of the admission requirements according to § 6,
4. a curriculum vitae in tabular form, duly signed by the applicant and showing his or her academic career, including documented evidence of additional studies or examinations already completed, in officially certified form
5. a written declaration of any unsuccessful doctoral procedures that may have taken place in the past,
6. a written declaration that these doctoral regulations are accepted,
7. the written declaration that a certificate of good conduct to be sent to the faculty has been applied for at the responsible registration office in accordance with § 30 paragraph 5 Federal Central Register Act *Bundeszentralregistergesetz (BZRG)*.

(3) The Doctoral Committee decides on the admission or rejection of the status of a doctoral candidate. The admission as a doctoral candidate is to be refused if the subject-specific admission requirements according to § 6 are not met. Admission as a doctoral candidate must also be denied if the applicant does not meet the personal requirements for holding a doctoral degree. The decision shall also be made based on the certificate of good conduct referred to in paragraph 2 No. 7. Admission may be linked to meeting of certain conditions, such as supplementary academic performances or additional examinations to be taken in the course of the doctoral programme. If accepted, the applicant will be included in the list of doctoral candidates to be maintained by the faculty; a doctoral relationship is established between the faculty and the candidate, and the applicant is granted doctoral candidate status. Upon admission as a doctoral candidate, the candidate must be bound by the "Guidelines for Ensuring Good Scientific Practice, Avoiding Scientific Misconduct and Dealing with Violations".

(4) The doctoral candidate is supervised by a higher education lecturer of the faculty or by a TUD Young Investigator (scientific supervisor). The academic supervisor and the doctoral candidate must conclude a supervision agreement based on the recommendations of the German Research Foundation (DFG) or

the Graduate Academy of Technische Universität Dresden.

(5) The admission as a doctoral candidate may be revoked if the status of the dissertation or the results available up to that point do not indicate that the doctoral procedure will be completed successfully. A written statement from the supervising higher education lecturer shall be presented for this purpose. Before revoking the admission as a doctoral candidate, the latter must be heard. The decision is made by the Doctoral Committee, but not before three years have passed. After admission as a doctoral candidate, the doctoral candidate can also notify the Dean of the Faculty in writing that they no longer wish to continue their doctoral programme. All the aforementioned cases terminate the doctoral relationship with the faculty and result in the unsuccessful induction into the doctoral procedure. The doctoral candidate shall then be removed from the list of doctoral candidates.

(6) The admission as a doctoral candidate is a mandatory requirement for the opening of the doctoral procedure.

§ 9

Opening of the Doctoral Procedure

(1) Doctoral procedures are opened upon formal application by the doctoral candidate. The application to open a doctoral procedure must be submitted in writing to the Chairperson of the Doctoral Committee of the faculty. The application shall be accompanied by

- 1 . a curriculum vitae in tabular form, signed by the applicant in person, showing the applicant's academic career,
- 2 . a copy of the notification of acceptance as a doctoral candidate in accordance with § 8 and documented evidence of fulfilment of any conditions imposed in connection to this in officially certified form,
- 3 . the dissertation in seven bound copies, usually in German or English and in electronic form,
- 4 . the short version of the dissertation including the full title in seven copies in German and English as well as in electronic form
- 5 . a list of the doctoral candidate's academic publications,
- 6 . the written declaration of the doctoral candidate in accordance with the attached template,
- 7 . the written declaration that a certificate of good conduct to be sent to the faculty has been applied for at the responsible registration office in accordance with § 30 paragraph 5 Federal Central Register Act (*BZRG*).

Although there is no guarantee that they will be taken into account, the application may also be accompanied by proposals for the evaluators. Documents that were already part of the application for admission as a doctoral candidate and do not require any changes can be accepted as legally valid.

(2) The withdrawal of the application to open a doctoral procedure by the doctoral candidate is permitted as long as the procedure has not yet been opened. In this case, the application shall be deemed to not have been submitted. If, after the opening of the doctoral procedure, the doctoral candidate indicates that they do not wish to continue the procedure, this will result in the termination of the doctoral procedure and is considered an unsuccessful attempt at the doctoral degree. If the application is withdrawn,

the applicant has the right to reclaim the documents submitted, with the exception of the formal application and a copy of the thesis.

(3) The Doctoral Committee decides on the commencement of the doctoral procedure. The commencement is to be refused if the fulfilment of the conditions possibly associated with the admission as a doctoral candidate is not proven. Admission as a doctoral candidate must also be denied if the applicant does not meet the personal requirements for holding a doctoral degree. The decision shall also be made based on the certificate of good conduct referred to in paragraph 1 No. 7. Finally, the commencement of the doctoral procedure is to be rejected if there are reasons that would also lead to the withdrawal of the doctoral degree. If the doctoral procedure is not commenced for reasons pursuant to sentences 3 to 5, § 15 shall apply. The notification of the commencement of the doctoral procedure to the doctoral candidate simultaneously provides information on the composition of the doctoral committee and the examiners.

(4) The Chairperson of the Doctoral Committee refers to the doctoral procedure after its commencement to the Doctoral Commission for further processing.

§ 10 Dissertation

(1) The dissertation provides evidence of independent academic work. It shall make a significant contribution to research in the scientific field of civil engineering and must contain new scientific findings.

(2) The dissertation is an individually completed work of the doctoral candidate. It may also have emerged from joint research. §6 paragraph 1 and paragraph 2 of the "Guidelines for Safeguarding Good Scientific Practice, for Avoiding Scientific Misconduct and for Dealing with Violations" apply to authorship.

(3) In deviation from para. 2, the dissertation may also be completed by submitting a series of scientific papers (cumulative dissertation). For this purpose, at least three thematically related scientific papers must be submitted, which prior to the opening of the doctoral procedure must not be older than five years and which must have already been published or accepted for publication in internationally recognized peer-reviewed journals. The doctoral candidate must demonstrate the thematic coherence of the papers and their methodological-technical background in writing as a separate paper and, in conjunction with the submitted scientific papers, they constitute the dissertation. Co-authorships will be accepted for cumulative dissertations if the doctoral candidate is the first author of at least three scientific papers and their individual doctoral performance is clearly distinguishable and assessable. The doctoral candidate must explain in writing to which content of the scientific papers their individual authorship refers to. This explanation must usually be signed by all co-authors.

(4) The dissertation shall normally be written in German or English. The Doctoral Committee decides on exceptions, provided that the doctoral candidate requests this together with the opening of the doctoral procedure. The source material used for the preparation as well as other aids must be indicated in full. Papers that have already served as the basis for previous examinations or graduations may not be used as a dissertation. The prior publication of partial results of the dissertation requires the written consent of the academic supervisor.

(5) The dissertation is evaluated by three examiners who are qualified for the scientific questions of the dissertation. An examiner must be a professor at a university appointed according to § 60 or § 62 Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (*SächsHSFG*). The first examiner is either the supervising higher education lecturer or the supervising TUD Young Investigator. Two examiners from the same institute of the faculty will be permitted only in justified exceptional cases. At least one of the examiners shall not be a member of Technische Universität Dresden. When conducting cooperative doctoral procedures with a University of Applied Sciences, one member of the Doctoral Commission shall be a higher education lecturer of the responsible University of Applied Sciences. The Chairperson of the Doctoral Commission may not be appointed as an examiner. At least one of the examiners shall generally not have any joint publications with the doctoral candidate.

(6) In personal and independent expert opinions, the examiners recommend to the Doctoral Commission the admission or rejection of the work as a dissertation. If admission is recommended, the dissertation must be graded by the reviewers using the following ratings:

- magna cum laude = very good
 = a specifically recognisable performance
- cum laude = good
 = a performance superior to the average
- rite = satisfactory
 = a performance corresponding to average requirements

If the admission of the dissertation is refused, it shall be marked

- non sufficit = insufficient
 = an inappropriate performance

(7) The experts' opinions shall be submitted to the Chairperson of the Doctoral Commission within three months. If the preparation of the experts' opinions is unduly delayed despite repeated reminders, the Doctoral Committee may revoke the appointment of the defaulting expert and appoint a new expert. The scientific supervisor's expert opinion shall also contain statements on compliance with the "Guidelines for ensuring good scientific practice, avoiding scientific misconduct and dealing with violations" and, in the case of experimental or empirical parts of the dissertation, statements on the generation and quality of the data.

(8) If an examiner recommends that the dissertation be returned to the Doctoral Candidate for supplementation or revision, the Doctoral Commission decides accordingly. If the Doctoral Commission does not reach an agreement on this, it will consult another examiner, who will be appointed by the Doctoral Committee at its suggestion. The Doctoral Commission may set a reasonable deadline of up to six months for the re-submission of the revised dissertation. The re-submission of a returned dissertation is only possible once. For a re-submitted dissertation, new expert opinions or additions to their existing expert opinions shall be requested from the examiners.

(9) After receipt of all experts' opinions, the dissertation will be displayed for a period of two weeks in the Dean's office of the faculty and the display will be indicated. University lecturers and post-doctoral lecturers of the faculty have the right to inspect the dissertation as well as the expert opinions without the grade suggestions and to submit their personal vote for or against the acceptance of the dissertation to the Dean or the Chairperson of the Doctoral Commission in written form and to give reasons for their decision within the display period. Like the members of the Doctoral Commission and the Doctoral Committee, the members of the Faculty Council are also entitled to access the grade proposals.

(10) After the expiration of the deadline for display, the Doctoral Commission decides on the acceptance or rejection of the dissertation on the basis of the expert opinions and the votes received. In the event of acceptance, the Doctoral Commission shall at the same time decide on the final evaluation of the dissertation using the grades specified in paragraph 6. If the dissertation is rejected and thus assessed as "insufficient" (non sufficit), the doctoral procedure shall be terminated; § 12 paragraph 1 shall apply. One copy of the rejected dissertation remains in the doctoral file together with the expert opinions.

§ 11 Defence

(1) If the dissertation is accepted, the doctoral candidate must present the results achieved with the dissertation in a public lecture and, in a subsequent scientific discussion, ask questions from the auditorium in defence of their results (defence). The doctoral candidate's presentation shall not exceed 30 minutes and the defence shall not exceed 2 hours in total.

(2) The date for the defence is set by the Chairperson of the Doctoral Commission after acceptance of the dissertation and the doctoral candidate shall be invited to this in writing. The invitation period shall be for two weeks. Furthermore, the Chairperson of the Doctoral Commission invites the members of the Doctoral Commission and publicly announces the date of the defence.

(3) The defence is led by the Chairperson of the Doctoral Commission. The dissertation shall be written in German or English. In exceptional cases, exceptions to this rule may be granted by the decision of the Doctoral Committee if the doctoral candidate, in agreement with the Doctoral Commission, submits a timely request to the Chairperson of the Doctoral Committee. In the scientific discussion, all individuals present are entitled to ask questions. The Chairperson of the Doctoral Commission may reject questions, which are not related to the doctoral candidate's professional orientation in the scientific field of civil engineering or the scientific subject of their dissertation.

(4) Immediately after the defence, the Doctoral Commission shall decide whether the doctoral candidate has passed the defence and shall assess the defence with the grades specified in § 10

paragraph 6. If the defence was not passed, it shall be assessed as "insufficient (non sufficit)"; § 12 paragraph 2 shall apply.

(5) If the dissertation and the defence have been passed, the Doctoral Commission determines the overall grade for the doctoral procedure. The grades mentioned in § 10 paragraph 6 shall be used. When determining the overall grade, the result of the dissertation shall take precedence. If both the dissertation has been evaluated "magna cum laude" by all examiners as well as the defence, and if the doctoral candidate has demonstrated exceptional scientific achievements, then the overall grade "excellent (summa cum laude)" may be awarded. The successful graduation shall be announced to the public.

(6) The essential course of the defence is to be recorded by a minute taker to be appointed by the Chairperson of the Doctoral Commission; the minutes are to be signed by the minute taker and the Chairperson of the Doctoral Commission and are to be included in the doctoral file.

§ 12

Repetition of failed Components of the Doctoral Examination

(1) After completion of the doctoral procedure in accordance with § 10 para. 10 sentence 3 as a result of the rejection of the dissertation, the doctoral candidate may take a further doctoral examination. For this purpose, the candidate may submit a new application for the commencement of the doctoral procedure in accordance with § 9 at the earliest after six months. A different dissertation or a fundamentally revised version of the first work on the same topic shall be submitted with the application. If the doctoral procedure is opened, the doctoral commission that was already appointed in the first attempt at a doctoral examination shall be appointed. If the second doctoral procedure is also terminated without success, further doctoral applications to the faculty are inadmissible.

(2) If the defence is not passed, the defence may be repeated once within one year at the request of the doctoral candidate in the same doctoral procedure. The application may be submitted at the earliest after six months. If the repetition is not passed or not carried out in time, the doctoral procedure shall be terminated.

§ 13

Publication of the Dissertation

(1) The doctoral candidate is obliged to make the accepted and approved dissertation available to the scientific community in an appropriate manner within a period of one year after the defence. The applicants fulfil their obligation by making their selection from the following options:

1. free handover of five printed and bound copies on non-ageing, wood-free and acid-free paper and delivery of an electronic version with all images, tables and graphics, the data format and data carriers of which must be agreed with the Saxon State Library – Dresden State and University Library (SLUB)
or
2. free handover of ten printed and bound copies of a version produced and distributed by a publisher if the circulation is about 100 copies.

(2) If, in the case of a cumulative dissertation, the publication of previously published scientific papers conflicts with the rights of third parties, it is sufficient to refer to the publicly available papers for the parts of the dissertation that have already been published.

(3) In exceptional cases, which have to be specifically justified, the Chairperson of the Doctoral Committee may, at the request of the applicant, allow the deadline for submission of the application to be extended. If the deadline set is missed by negligence, all rights acquired through achievements in the doctoral procedure expire and the procedure is terminated without the conferral of the academic degree. The Chairperson of the Doctoral Committee will inform the candidate accordingly in writing.

(4) Proof of delivery of the obligatory copies to the SLUB shall be provided by the applicant in the form of a delivery receipt.

§ 14

Completion of the Doctoral Procedure

(1) The Chairperson of the Doctoral Commission shall recommend the awarding of the academic degree to the Doctoral Committee in accordance with § 2 paragraph 1 following a positive course of the doctoral procedure. The Doctoral Committee arranges for the doctoral certificate to be issued and for the doctoral candidate to be removed from the list of doctoral candidates.

(2) The doctoral certificate contains the name, first name, academic degree, date and place of birth of the doctoral candidate, the title of the dissertation, the academic degree to be awarded and the overall grade. It is issued on the day of the defence and bears the signature of the Rector and the Dean of the Faculty and the seal of Technische Universität Dresden.

(3) The Dean of the Faculty will hand over the certificate to the doctoral candidate in a form appropriate to the occasion as soon as the delivery of the deposit copies in accordance with § 13 has been confirmed by the Doctoral Committee. This concludes the promotion procedure. The conclusion of the procedure must be announced to the faculty community.

(4) After completion of the doctoral procedure, the doctoral candidate is entitled to use the academic degree awarded with the certificate.

§ 15

Withdrawal from the Doctoral Procedure

(1) The doctoral procedure can be terminated without result at any time after the decision on acceptance as a doctoral candidate if facts become known which preclude the award of the academic degree. This applies in particular to deception in the proof of admission requirements or doctoral achievements as well as to circumstances concerning the candidate's personal requirements for the award of the doctoral degree. If the doctoral procedure is terminated without result, all legal positions and claims that the doctoral candidate has acquired up to that point in the doctoral procedure expire. The doctoral candidate shall be removed from the list of doctoral candidates. The decision on termination is made by the Doctoral Commission at its dutiful discretion.

(2) Prior to the unsuccessful completion of the doctoral procedure, the doctoral candidate shall be heard. In cases of suspected scientific misconduct, the procedure is governed by the provisions

of the "Guidelines for Ensuring Good Scientific Practice, Avoiding Scientific Misconduct and Dealing with Violations".

§ 16

Revocation of the Academic Title

(1) The doctoral degree shall be revoked if the doctoral candidate has acted fraudulently in proving the admission requirements or in the course of the performance of the doctoral work, or if, in addition, facts come to light, which would have excluded the award of the doctoral degree. The decision is made by the Doctoral Committee.

(2) If the professional requirements for admission to the doctoral programme were not fulfilled without the doctoral candidate intending to deceive and if this fact only becomes known after the award of the academic degree, this deficiency is remedied by passing the doctoral examination.

(3) In cases of suspected scientific misconduct, the procedure is governed by the provisions of the "Guidelines for Ensuring Good Scientific Practice, Avoiding Scientific Misconduct and Dealing with Violations".

§ 17

Structured Doctoral Programmes and Joint International Doctoral Procedures

The doctoral procedure can also take place within the framework of a structured doctoral programme or a joint international doctoral procedure, provided that the Faculty of Civil Engineering or individual higher education lecturers are involved. Additional arrangements may be adopted for this purpose. It must be ensured that the doctoral candidate acquires and provides evidence of the qualification required under these Doctoral Regulations. In case of doubt, the Doctoral Committee shall decide whether this equivalence exists.

§ 18

Honorary Doctorates

(1) The honorary doctorate in accordance with § 2 paragraph 2 can be awarded to persons who have rendered outstanding services to science, technology, culture and art in civil engineering and who are also particularly associated with the faculty. The person to be honoured must not be employed full-time at Technische Universität Dresden.

(2) An application with sufficient justification for the award of an honorary doctoral degree can be submitted to the Faculty Council by at least two professors of the faculty. A Doctoral Commission to be appointed by the Faculty Council, to which the applicants do not belong, examines the merits of the honoured candidate, obtains at least two further expert opinions and submits a proposal for decision to the Faculty Council.

(3) The Faculty Council decides on the application by secret ballot.

(4) The decision of the Faculty Council to award the honorary doctoral degree must be confirmed by the Senate.

(5) The awarding of the honorary doctorate shall be effectuated by the handing over of a certificate signed by the Rector and the Dean in a form worthy of the occasion. The certificate shall state the reasons and merits in a summary. The Rector shall award the honorary doctorate. The Rector may transfer this right to the Dean of the Faculty.

(6) The awarding of the honorary doctorate shall be reported to the Saxon State Minister for Higher Education, Research, Culture and Tourism.

§ 19 Doctoral Anniversary

The faculty may honour the 50th anniversary of the conferral of the doctoral degree, if this seems appropriate in view of the special scientific merits or the particularly close connection of the honoured person with the faculty or Technische Universität Dresden as a whole. The decision on the occasion and the form of the award is made by the responsible faculty. The decision on this is made by the Faculty Council.

§ 20 Entry into force and Interim Arrangements

(1) These Regulations shall enter into force on the day following their publication in the official notifications of TU Dresden. With the entry into force of these Regulations, the Doctoral Regulations of the Faculty of Civil Engineering of 22nd July 2012 shall cease to be effective.

(2) All doctoral procedures commencing after its entry into force shall be conducted on the basis of these Regulations. Decisions on admission as a doctoral candidate, which were already taken before these Regulations came into force shall remain valid; however, these Regulations shall apply in addition. Doctoral procedures already commenced at the time these Regulations come into force will be completed on the basis of the provisions of the Doctoral Regulations of the Faculty of Civil Engineering of 22nd July 2012.

Issued on the basis of the decision of the Faculty Council of the Faculty of Civil Engineering of 21st October 2015 and the approval of the University Executive Board of 8th December 2015.

Dresden, 19th December 2015

The Rector
of Technische Universität Dresden

Prof. Dr.-Ing. habil. DEng/Auckland Hans
Müller-Steinhagen

Attachment

Statements on the commencement of the doctoral procedure

- 1 . I hereby confirm that I have produced the present work without the unauthorised assistance of third parties and without the use of aids other than those indicated; thoughts taken directly or indirectly from outside sources are identified as such.
- 2 . I have received assistance in the selection and evaluation of the material and in the production of the manuscript from the following persons:
- 3 . No other persons were involved in the intellectual production of the present work. I have, in particular, not sought the assistance of a commercial promotion consultant. Third parties have neither directly nor indirectly received monetary payments from me for work related to the content of the submitted dissertation.
- 4 . The dissertation has not yet been submitted to any other examination office in the same or a similar form, neither in Germany nor abroad, and has not yet been published.
- 5 . I confirm that I acknowledge the Doctoral Regulations of the Faculty of Civil Engineering of Technische Universität Dresden.

Place, Date

Signature of the doctoral candidate