

Directive No. 3 /2006 of the Council for Sciences of the Academy of Sciences of the Czech Republic, K-2143/VR/06 dated 5th December 2006

Regulations governing the awarding of the scientific degree of doctor of science (DSc.) by the Academy of Sciences of the Czech Republic

The scientific degree, "doctor of science", was established by a resolution of the twenty-first session of the Academy Assembly of the Academy of Sciences of the Czech Republic (hereinafter "ASCR") held on 18 December 2002.

The following Regulations were issued by the Academy Council of the ASCR to implement this resolution:

I. Fundamental stipulations

1. The ASCR awards the scientific degree, "doctor of science", (*doctor scientiarum*) (hereinafter "scientific degree"), abbreviated DSc. and used after the holder's name, together with the specification of the respective category of sciences (see Article I, Section 3 of the current Regulations).

2. The scientific degree denotes a conspicuously high level of scientific attainment by its holder substantiated by his/her outstanding and original scientific work which furthers the advancement of research in a specific branch of science, all of which characterizes the holder as a scientist of recognized stature. The Council for Sciences of the ASCR decides on the awarding of the scientific degree.

3. The scientific degree is awarded in the following categories of sciences : Physico-mathematical, technological, geophysical-geological, chemical, biomolecular and medical, biolo-g-ecological, social, historical and philological sciences, and the humanities.

4. The scientific degree can be awarded to applicants who have completed their doctoral level university studies (see Section 47 of Act No. 111/1998 Coll., on Higher Education Institutions and on the Amendment and Supplement to Some Other Acts, or have obtained a Ph.D.degree from a foreign university), or have attained the scientific degree "candidate of sciences" (abbr. CSc.) (cit. Section 102 of Act No. 111/1998 Coll.), or another equivalent title, and are scientists of recognised scientific prominence in their fields of science, and integrate their scientific creative originality and personal attitudes with the ethical norms of science.

5. To ensure a high professional level and proper coordination of the procedure for this award, the Council for Sciences of the ASCR will establish a Committee for the Doctor of Science Degree (hereinafter "Committee") chaired by the Vice President of the Council for Sciences of the ASCR who will appoint a Secretary of the Committee from among Committee members. The Committee's authority is specified in the individual stipulations of the present Regulations.

6. The Council for Sciences of the ASCR arrives at its decision to award the scientific degree solely on the basis of the Committee's proposal and the results of the evaluation procedure.

7. The awarding of the scientific degree is authenticated with a doctoral diploma signed by the President of the ASCR, the President of the Council for Sciences of the ASCR and the Chairperson of the the Commission, which supervised the defense of the DSc. thesis (Appendix A) and is issued by the ASCR in Czech with an English translation.

II. Commissions for Defending Doctor of Science Theses

1. Standing Commissions for Defending Doctor of Science Theses (hereinafter "theses") are established by the Council for Sciences of the ASCR. In justified cases the Committee is authorised to establish an ad hoc commission for a single thesis defense. Chairpersons and Deputy Chairpersons of the standing as well as ad hoc commissions (hereinafter "Commissions") are appointed by the Council for Sciences of the ASCR and members of the Commissions are appointed by the Committee.

2. A Commission consists of at least nine regular members who are doctors of science, university professors and other outstanding specialists of a branch of science. A Standing Commission may also have alternating members who become regular members for a single thesis defense on the basis of their appointment by the Chairperson of the Commission. Persons who are not employed full-time at institutes of the ASCR constitute at least one-third of a Commission; the remaining members are employees of the ASCR. The Chairperson of a Commission is an employee of an Institute of the ASCR.

3. The seat of a Commission is at the Institute in which its Chairperson is employed.

4. A Commission has a quorum if more than half of its voting members are present but at least two-thirds of its members must be present if a doctor of science thesis is defended.

III. Procedure for the Scientific Degree Award

1. The eligibility of candidates for the scientific degree award is considered during the evaluation process following a prescribed procedure aimed at evaluating the candidate's scientific level as reflected in his/her DSc. thesis, and the results of the assessment of its defense, and the candidate's additional scientific and professional attainment.

2. By a doctor of science thesis (hereinafter "thesis") is meant:
a) a published monograph
b) a collection of published scientific works supplemented with commentary and a summary.

A thesis must bring new research knowledge having international impact. Under paragraph (b), publications which form the basis for a thesis must represent a thematically consistent collection of selected works. It can be written in Czech or English. In justified cases, after consultation with the Chairperson of the respective Commission, a candidate may ask the Chairperson of the Committee for approval to submit a thesis in another language. The Committee shall consider the reasons for it and shall notify the candidate of its decision.

3. An abstract of the thesis articulates succinctly the essential ideas, methods and conclusions of the thesis and contains up to forty A5 size pages. The first page of the thesis abstract must be prepared according to the sample found in Appendix B to the current Regulations. The thesis abstract also contains a list of the candidate's most important published works relating to the topics dealt with in the thesis and also a list of literature cited and a summary up to two pages. The thesis abstract may be submitted in Czech or English, or in justified cases in another language (see Article III., Section 2). Should the abstract be submitted in Czech, a two-page-summary in English shall be affixed to it. Should the thesis be submitted in Czech, the summary shall be in English, or if in another language, the summary shall be appended in Czech.

4. The procedural process is initiated with the candidate's application for admission to the doctorate award programme. The application must be endorsed with written comments of at least two doctors of science or professors from Czech or foreign universities of the candidate's field of science or, in exceptional cases, of a related discipline of science. Authors of these comments must not be employees of the same workplace as the candidate, or be related to him/her by family. In universities, by the same workplace is meant a faculty. The application can be submitted by those meeting conditions pursuant to Article I, Section 4 of the current Regulations. The category of sciences and the field of science relating to the topic of the thesis shall be specified in the application.

5. Applying for admission to the doctor of science award procedure

A candidate must submit the following documents with the application, the documents under paragraphs (c) – (e) also in electronic form :

- a) certified evidence of the successful completion of university education (diploma);
- b) a certificate confirming the awarding of an academic Ph.D. degree from a Czech or foreign institution of higher learning, or a certificate of the scientific degree of candidate of science (CSc.), or a certificate documenting the awarding of a degree at a comparable level;
- c) a curriculum vitae with a synopsis of the candidate's professional career;
- d) a list of publications which form the basis for the thesis with the impact factor of appropriate journals and with a citation analysis as well as a list of all original scientific works supplemented by data on their citation rating. The number of citations according to S.C.I. shall be mentioned in the fields of science in which this number serves as a recognised indicator of research performance;

e) abstracts of the thesis in 25 copies;

f) the thesis in 5 copies of which one will be for the archives;

g) background information about the labour-legal relationship in which the thesis evolved and how the knowledge contained in it can be made use of;

h) specification of the candidate's own scientific contribution and share if scientific results mentioned in the submitted thesis were obtained with co-authors;

i) comments in writing by two doctors of science or professors (see Article III, Section 4);

j) should the thesis be rejected and a new one is presented in the same field of science with a new procedural process for the scientific degree, the candidate must substantiate who rejected the previous thesis, provide the title of that thesis and clarify the difference between the two theses.

6. The application is submitted to the Committee for the Doctor of Science Degree. If the application does not contain all the information required and the candidate will not correct the identified shortcomings by the date specified by the Committee, the latter will terminate the procedure.

7. Unless the procedure is terminated pursuant to Article III, Section 6 of the current Regulations, the Committee for the Doctor of Science Degree will transmit the application to the pertinent Commission.

8. That Commission will evaluate the candidate's application on the basis of the submitted materials and will decide whether or not the procedure should continue. If the proposal for continuation of the procedure is not accepted by a majority of votes of Commission members, the Commission will recommend bringing closure to the degree award procedure, and will adopt a resolution substantiating this decision. If the Commission recommends continuation, it will decide by a majority of votes:

a) on a proposal for at least three opponents of the thesis and

b) on a proposal of the place of the defense of the thesis.

9. Substantiated proposals are presented by the Chairperson of the Commission, or by a member entrusted by him, to the Committee for the Doctor of Science Degree. On the basis of the proposals, the Committee will decide by secret ballot whether to continue or to terminate the procedure for the scientific degree award. If the procedure is to be continued, the Committee will approve the proposed thesis opponents and the place where the thesis is to be defended. The candidate will be notified of the outcome of the vote.

10. At least two of the opponents must be doctors of science or university professors. Pursuant to Article III, Section 4 of the current Regulations, persons presenting their views on the thesis cannot be its opponents and cannot be employees of the same workplace or co-authors of a substantial portion of the

publications which form the basis of the thesis. The opponents' opinions must unambiguously recommend whether or not to award the scientific degree, supported by proper substantiation.

11. The Chairperson of the Commission will determine the time of the public defense of the thesis within two months after having received opinions from all opponents. The defense should be held at the latest within 12 months from the date for which the scientific degree award was applied. Should this procedure be prolonged, the Committee for the Doctor of Science Degree shall be asked for the prolongation of this procedure based on persuasive and credible reasons. The Chairperson will advise the time and place of the thesis defense no later than six weeks before the day of the defense to the following:

- a) the candidate
- b) Commission members
- c) thesis opponents
- d) Committee for the Doctor of Science Degree
- e) the candidate's employer
- f) institutions and persons that might be interested in the topic of the thesis

12. Persons mentioned in Article III, Section 11 under paragraphs (b) through (f) will receive from the Chairperson an abstract of the thesis and information as to where they may become acquainted with the thesis; persons mentioned in paragraphs (a) through (c) will be furnished with the opponents' opinions.

13. The Chairperson of the Commission, or an authorized Deputy, directs the defense of the thesis. The defense is public, but attendance of opponents is compulsory. Should one of them, for extraordinarily compelling reasons, be unable to participate in the defense, it may continue if the absent opponent has submitted a favourable opinion of the thesis and the Commission agrees that the defense should be held without that opponent. In that case, the Chairperson will present that opponent's opinion instead. The candidate shall acquaint the Commission with the thesis. After the Commission has become acquainted with the opponents' opinions, the candidate will answer possible questions and comments from the Commission. Following this exposition, members of the Commission will discuss the thesis, which will be followed by the public discussion.

The presence of at least two-thirds of the members of the Commission appointed pursuant to Article II, Section 2 of the current Regulations is required for the thesis defense to validate the decision to award the scientific degree.

The Commission will propose whether or not to award the scientific degree at a non-public meeting by secret ballot by at least two-thirds of votes of the present voting Commission members. Also, the present opponents of a respective thesis defense are voting members of the Commission.

The course of the defense shall be recorded and the form "Record on the Thesis Defense" shall be completed. Should the candidate's defense be rejected, the Commission will propose terminating the procedure and adopt a duly substantiated resolution.

14. The Chairperson of the Commission submits a proposal for the scientific degree award to the Committee for the Doctor of Science Degree. The latter will deliberate on the proposal and will recommend to the Council for Sciences of the ASCR in a secret ballot whether or not to award the scientific degree. The Council will decide by secret ballot on conferral of the scientific degree. The presence of at least two-thirds of the members of the Council for Sciences of the ASCR is necessary for this vote. The Commission Chairperson or his/her Deputy, or the candidate may ask to be present during consideration of the proposal by the Council for Sciences of the ASCR.

15. Unless the proposal for awarding the scientific degree is accepted by a majority of the members present of the Council for Sciences of the ASCR, the procedure is terminated by the Council. Such a decision must be properly substantiated.

16. If the scientific degree award procedure is terminated, the thesis and all submitted documents except for one archival copy of the thesis and its abstracts will be returned to the candidate who is notified of the reasons for the Council's decision. A new application can be submitted not sooner than two years after the termination of the procedure.

17. The candidate may submit objections to the scientific degree award procedure to the President of the Council for Sciences of the ASCR who will discuss them with the Council following which a decision will be made concerning the correctness of the procedure.

18. Article III, Section 15 permits an appeal against decisions made by the Council for Sciences of the ASCR to the President of the Academy. However, a decision of the President of the Academy is final.

19. The scientific degree award procedure is not subject to the Administrative Procedure Act.

IV. Concluding Stipulations

1. These Regulations shall come into effect on 1 January 2007. On that date, Directive No.3 /2003 of the Council for Sciences of the Academy of Sciences of the Czech Republic on "Regulations Governing the Awarding of the Scientific Degree of Doctor of Science (DSc.) by the Academy of Sciences of the Czech Republic" shall be rescinded.

2. Costs incurred during the procedure for the scientific degree award, including payments for opponents' opinions (travelling expenses of members of Commissions and opponents from the Czech Republic and the Slovak Republic, preparation of opponents's opinions, producing and presentation of diplomas), shall be borne by the Academy of Sciences of the Czech Republic within the framework of the approved budget for the respective year. The Secretariat of the Council for

Sciences of the ASCR carries out the administrative responsibilities connected with this procedure.

Prof. RNDr. Václav Pačes, DrSc.
President of the ASCR

Appendices:

- A. Sample of the diploma of the scientific degree (textual part)
- B. Sample of the first page of the thesis abstract

Appendix B

Sample of the first page of the thesis abstract



Academy of Sciences of the Czech Republic

Abstract of the doctor of science thesis
for the award of the scientific degree "doctor of science"
in the category of sciences.....

.....
Thesis Title

Commission for Defending the Doctor of Science Degree in the field of
science.....
.....

Name and surname of the Candidate.....

Candidate's Place of Employment

Place and Date

Appendix A

Sample of the Diploma of the Scientific Degree "Doctor of Science" - small (textual part)



AKADEMIE VĚD
ČESKÉ REPUBLIKY

Diplom vědeckého titulu
doktor věd
Číslo XXXX

AFFIDAVIT OF THE SCIENTIFIC TITLE
OF
DOCTOR OF SCIENCE
number XXXX

AKADEMIE VĚD
ČESKÉ REPUBLIKY
rozhodnutím
Vědecké rady AV ČR
na jejím XXXX. zasedání dne XX. XXXXX
200X
číslo protokolu XXXX
podle článku 62 Stanov
Akademie věd České republiky
udělila
XXXXXXXXXXXXXXXXXX, CSc. (Ph.D.)
narozenému dne XX. XXXXXX 19XX
v XXXXX
na základě řízení
ukončeného obhajobou disertace
před komisí
pro obhajoby disertací
XXXXXXXXXXXXXXXXXXXXXXXXXX,
při XXXXXXXXXXXXX
dne XX. XXXXXXXXXXX 200X
vědecký titul
DOKTOR
XXXXXXXXXXXXXXXXXX
ve zkratce DSc. za jménem



razítko AV ČR

jméno, příjmení, tituly
předseda President,
Akademie věd Academy of Sciences
České republiky of the Czech
Republic

jméno, příjmení, tituly
předseda Vědecké rady President,
Akademie věd Council for Sciences
České republiky of the Academy of
Sciences of the
Czech Republic

jméno, příjmení, tituly
předseda Komise Chairperson,
pro obhajoby Commission for the
disertací Defence of Theses
XXXXXXXX, XXXXXXXX

ACADEMY OF SCIENCES
OF THE CZECH REPUBLIC
upon the decision
of the Council for Sciences of the AS CR
made at its XXXXth session on XX
XXXXX 200X
protocol no. XXXX
pursuant to Article 62 of the Statutes
of the Academy of Sciences of the Czech
Republic
awarded
JXXXXXXXXX, CSc. (Ph.D.)
born on XX XXXXX 19XX in XXXXX
on the basis of the prescribed procedure
concluded in a successful defence of his
thesis
before the Commission for the Defence
of Theses
XXXXXXXXXXXXXXXXXXXXX,
at the XXXXXXXXXXXXXXXX
on XX XXXXX 200X
scientific title
DOCTOR OF XXXXXXXXXXX
abbreviated as DSc. following the
surname



ACADEMY OF SCIENCES OF THE CZECH REPUBLIC

DOCTOR OF SCIENCE DIPLOMA
Number XXXX

Xxxxxx XXXXXXXXX, CSc. (Ph.D.)
Doctor xxxxxxxxxxxxxxxx xxxx xxxxxxxx

The scientific degree "Doctor of Mathematical Sciences" was awarded by the Academy of Science of the Czech Republic pursuant to Article 62 of the Statutes of the Academy of Sciences of the Czech Republic on the basis of the prescribed procedure and the the of a recognized scientific thesis and its satisfactory defense thereof

XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXXXXXXX
XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX

by the decision of the Council for Sciences of the ASCR at its XXXX session on XX. XXXXX 200X
to recognize the recipient's high scientific qualification demonstrated by having performed outstanding and original scientific work, contributing to the further advancement of scientific knowledge.

