

# **The Principles of the 'Material Engineering' Commission for the Evaluation of the Dissertations and Persons of the Applicants for the 'DSc.' Degree**

The work of the commission proceeds from the Rules for the Granting of the 'Doctor of Sciences' Degree in the ASCR issued as the Guidelines of the Academic Council of the ASCR No. 3/2006, from the General Principles for the Evaluation of Dissertations and Persons of an Applicant binding for all commissions issued by the Panel for the Granting of the 'Doctor of Sciences' Degree, and governed by the Regulatory Procedure to the Rules for the Granting of the 'Doctor of Sciences' Degree.

## **1. General Criteria for the Evaluation of the Dissertations and Persons of the Applicants**

The applicant for the 'DSc.' degree must demonstrate that his/her work has brought original scientific results that are utilised by scientists abroad or built upon in their work. The fulfilment of this requirement will be evaluated on the basis of the works published in reviewed foreign journals or in reviewed contributions to top international conferences, citations in foreign journals, invitations to give presentations at international conferences, or other relevant data.

The commission will require at least fifty (50) publications in international impact journals among which a maximum of fifteen (15) reviewed contributions published in the proceedings of top international conferences can be included. The applicant must be shown as the first author of at least a third of the listed articles. The requested minimum number of citations of the author's published work (according to the Web of Science) is eighty (80). Although the suggested values of the scientometric criteria are generally binding, the commission reserves the right to recommend an applicant in isolated and justified cases with whom some of the criteria are fulfilled only partially or not precisely observed. The commission further requests that the applicant label at least three (3) works, but at most five (5), that he/she considers the most significant. The commission does not stipulate a minimal extent of the work submitted for the defence.

## **2. Materials Required for the Defence:**

### Materials listed in the 'Rules':

- a) proof of the successful completion of university education (diploma);
- b) proof of the granting of the academic Ph.D. degree position or proof of the granting of the scientific degree of Candidate of Sciences or proof of the granting of a title of the same standing;
- c) a curriculum vitae with an overview of the scientific work so far;
- d) the list of publications that form the background materials of the dissertation (according to the requirements defined in the 'Rules');
- e) the theses of the dissertation in twenty-five (25) copies,
- f) the dissertation in five (5) copies,
- g) a statement of in what labour relation the dissertation was created,
- h) an expression of your own scientific contribution and share of the work if the scientific results listed in the dissertation were acquired with co-authors,
- i) written opinions of two Doctors of Sciences or Professors (See Art. III, Sect. 4),

- j) if the applicant presents a new dissertation in the same field in a new proceedings for the granting of a scientific title, a statement of who issued the denial decision, the title of the original dissertation and the definition of the differences between.

18 December 2008

prof. Ing. Václav Sklenička, DrSc.  
Chairperson of the Commission

Discussed and approved on 22 January 2009 by the Panel for the 'Doctor of Sciences' Degree.

prof. RNDr. Antonín Holý, DrSc.  
Chairperson of the Panel  
for the 'Doctor of Sciences' Degree