

# **The Principles of the 'Mechanics of Fluids, Thermomechanics, Hydrology and Water Management' Commission for the Evaluation of the Dissertations and Persons of the Applicants for the 'DSc.' Degree**

In the evaluation of the requests of the applicants for the scientific degree of 'Doctor of Sciences' (abbreviated as DSc.), the Commission is governed by the Guidelines of the Academic Council of the ASCR No. 3 'Rules for the Granting of the Scientific Degree *Doctor of Sciences* in the Academy of Sciences of the CR' (Internal norm part 8/2006, issued by the Head Office of the ASCR, reference No. K-2143/VR/06, from 5 December 2006) and the Regulatory Procedure for these Rules.

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

1. The condition for the commencement of the proceedings on the defence is the obligation of the applicant to submit along with the work reprints or copies of at least fifteen (15) works, published in foreign journals with an impact factor, cited in the databases of SCI, Scopus, etc.
2. In the evaluation of the eligibility of the applicant, all of the scientometric criteria will be taken into consideration, which allows the objectivisation of the judgement of scientific activities and person of the applicant. The starting criteria, however, will be the quality as well as number of publications by the applicant, particularly articles in impact and reviewed journals, monographs, possibly chapters in monographs and contributions in the reviewed proceedings of renowned international conferences, as well as also the rate of citation of these works. The commission will also request that the applicant mark at least five (5) of his/her own works that he/she considers as the most significant.
3. Further criteria in the evaluation will be
  - a distinctive scientific contribution to the existing research directions, or to the emergence of a prospective direction or founding of a new direction,
  - the ability to organise scientific work, propose and implement research programmes,
  - the creation and leadership of scientific teams, the creation of a scientific school in the given field,
  - active agency in scientific organisations, the programme committees of international conferences, possibly in the editorial councils of scientific journals,
  - position in international projects and in international cooperation,
  - invited lectures at important conferences and schools,
  - activity in university instruction and within doctoral study programmes,
  - implementation of the results of research investigation, patents, licences, etc.
4. In its decision on the acceptance of the dissertation submitted, the commission will also rely on the personal evaluation of the submitted work and

the eligibility of the applicant by the members of the commission on their overview in the given field, knowledge and personal responsibility.

5. In the judgement of the eligibility of the applicant, no political, social (service) position of the candidate, his/her age and merits which are not connected with the field in which the dissertation is defended will be taken into consideration.

## **2. Materials and Documents Requested for the Defence:**

- 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 of the Rules),
- 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.

10 July 2008

Ing. Rudolf Dvořák, DrSc.  
Chairperson of the Commission

Discussed and approved on 13 November 2008 by the Panel for the 'Doctor of Sciences' Degree.

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