

The Principles of the 'Theoretical and Applied Mechanics 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. 5 'Rules for the Granting of the Scientific Degree *Doctor of Sciences* in the Academy of Sciences of the CR' (Internal norm part 5/2014, issued by the Head Office of the ASCR, reference No. KAV-1735/SVR/2014, from 25 July 2014 and the Regulatory Procedure for these Rules.

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

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.

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 anthologies 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.

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,
- the position in international projects and in international cooperation,
- invited lectures at important conferences and schools,
- activity in university instruction and within doctoral study programmes,
- the implementation of the results of research investigation, patents, licences, etc.

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.

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.

29 January 2014

Ing. Jaromír Horáček, DrSc.
Chairperson of the Commission

Discussed and approved on 5 July 2014 by the Panel for the 'Doctor of Sciences' Degree.

prof. Ing. Karel Ulbrich, DrSc.
Chairperson of the Panel for the 'Doctor of Sciences' Degree