

Scientific Council Resolution

Considering that Decree-Law No. 65/2018 of August 16 introduces the possibility within the higher education system of pursuing a doctorate based on the compilation, properly contextualized, of a coherent and significant set of research works already published in internationally recognized, peer-reviewed journals, and that paragraphs a) and b) of Number 1 of Article 3 of the IST Doctoral Degrees General Regulation stipulate the following:

“1— The cycle of studies leading to the doctoral degree includes:

- a) The preparation of an original thesis specially designed for this purpose, suited to the nature of the field of knowledge or specialty and contributing to the expansion of the frontiers of knowledge;*
- b) As an alternative to paragraph a) of this number, and under equivalent conditions, the compilation, duly framed and in which the applicant's original contribution is clear, of a coherent and relevant set of research works, already the object of publication in journals with selection committees of recognised international merit present in the databases defined by the Scientific Council of IST for this purpose, and during the period of enrollment in the doctoral course;”*

The Scientific Council of Instituto Superior Técnico deliberates the following:

- a) The compilation of published research referred to in paragraph b) of Article 3, Number 1 of the IST Doctoral Degrees General Regulation must include an introductory chapter, a collection of the research work, and a concluding chapter;
- b) The introductory chapter should contextualize the work within the scientific field of the thesis, explain the candidate’s original contributions to advancing knowledge, and provide detailed references to the research included in the compilation. This should include bibliographic information, a complete list of authors for each publication, and an explanation of the candidate’s contributions to each¹;
- c) The research work must be organized into coherent chapters and presented in accordance with the formatting guidelines for IST doctoral theses;
- d) The concluding chapter must provide an overview of the work completed and discuss the potential future impact of the candidate’s contributions within the scientific field;
- e) Members of the doctoral jury must be selected in accordance with applicable laws and the IST Doctoral Degrees General Regulation. A majority of the members must not be co-authors of publications included in the compilation;
- f) Candidates must obtain authorization from the copyright holders for the use of publications and submit this approval to the Post-Graduation Area of Instituto Superior Técnico;
- g) This resolution applies to all compilations of published research submitted to the Post-Graduation Area of Instituto Superior Técnico for the purpose of obtaining a doctoral degree.

¹ For example, including a section equivalent to the “Author Contributions” of the articles published in the scientific journal “Nature”, detailing the candidate's contribution to each of the scientific publications, as described here: http://www.nature.com/authors/editorial_policies/authorship.html;
http://blogs.nature.com/nautilus/2007/11/post_12.html