



**Ph.D. Program in Telematic Engineering
Universidad Carlos III de Madrid**

**Thesis defense by compendium of publications
Regulation**

Background

The Regulation of the Doctorate School of the University Carlos III of Madrid does not regulate the elaboration of the thesis by compendium of publications, leaving to the Doctorate Programs its possible regulation.

The Academic Commission of the Doctorate Program in Telematics Engineering has taken into account regulations of other Doctorate Programs in Spain. Among them, those that have influenced the most are the Department of Communication of the Pompeu Fabra University, and the Department of Medicine of the Autonomous University of Barcelona. It has also been very interesting the comparative study of thesis regulations by compendium of publications collected in:

Ortega, E. (2014) *Theses by Publication. Doctoral Innovation in Spain?* In: Peris-Ortiz, M. y Sahut, J-M. (Eds.), *Future Challenges for Innovation, Business & Finance. XXIII International Conference of the European Academy of Management and Business Economics (AEDEM)*, Paris, 1-2 September. European Academia Publishers, pp. 314-331. ISBN: 10:84-697-0981/ISBN-13:978-84-697-0981-8.

URL:

<http://eprints.ucm.es/27336/1/Las%20tesis%20por%20compendio%20de%20publicaciones...pdf>

In view of all this, the Academic Commission of the PhD Program in Telematics Engineering makes the following proposal for regulations for the presentation of thesis by compendium of publications.

Regulation

The Regulation of the Doctorate School of the University Carlos III of Madrid (approved by the Governing Council in session of February 7, 2013 and modified in session of November 28, 2013) does not explicitly contemplate the elaboration of the doctoral thesis by Compendium of publications, leaving in the hands of each Doctoral Program the regulation in their case of the same. The purpose of these regulations is to regulate the process in the PhD Program in Telematics Engineering of the Carlos III University of Madrid.

The Academic Commission of the PhD Program in Telematics Engineering of the Carlos III University of Madrid, in a session held on November 25, 2016, agrees that in order to present a thesis by compendium of publications in said Doctorate Program it will be necessary to comply with the following points:

1. **Publications.** All Publications that are part of a thesis by compendium of publications must fulfill the following requirements:
 - a. The set of publications will consist of **at least three articles in journals indexed in the Journal Citation Reports (JCR)** of the publication year of the article (or, if it has not yet been published, of the last year available) **and two publications in international conferences.**
 - i. At least two of the journals must belong to the first or second quartile (Q1 or Q2) of a JCR category.
 - ii. In the specific case of publications indexed in the JCR that have been obtained as a direct consequence of the publication in a congress, it will be necessary to indicate if the publication is presented as one thing or the other (the same publication can not be counted twice).
 - b. For publications accepted but not yet published, the letter or email of acceptance of the publication must be provided.
 - c. At least two of the articles in the journal and one of the articles published in an international congress must have been published or accepted for publication after the doctoral registration in the doctoral program.
 - d. In all cases, the doctoral candidate must be the first author of the publication. The number of authors per publication may not exceed five.
 - e. Publications that integrate a thesis by compendium can not be included as part of any other doctoral thesis, either by compendium of articles or not. In this sense, non-doctoral co-authors must sign a commitment to renounce their use as part of another doctoral thesis.
2. **Application.** To deposit a thesis by compendium of publications, the doctorate must request authorization to the Academic Committee of Doctorate by application that will present to the Director of the Doctorate Program. The application must be supported by a report from its director or thesis supervisors. The application will be made together with the application for authorization of thesis deposit, and will present a summary of a page of the research developed, the list of publications for which it is intended to compendium, the justification that the publications comply with what is indicated in the Point 1 of this regulation, and a justification of a page of the thematic unit of publications. The Academic Doctorate Commission will respond to the request of the doctorate within a maximum period of one month, discounting the non-academic periods.

3. **Report format for a Doctoral thesis by compendium of publications.** The report of a doctoral thesis by compendium of publications will include a summary of a minimum length of 20 pages (not including the annex), which presents the thesis defended, with an introductory chapter to the global context, the justification of research coherence of the publications presented and final conclusions. An annex must also be added with the published documents or, if it is not possible to attach any of them, the complete reference data of the publication. In any case, a version of the report with the complete copy of all publications must be sent to the Academic Committee of the Doctoral Program and to the members of the court.