

COVER PAGE

TTTC's E. J. McCluskey Best Doctoral Thesis Award Contest

ETS Semifinals

Please follow the structure of this template when preparing your submission. It has been designed to ensure that the important aspects of your work are presented in a way that will enable the experts to make an effective assessment against the evaluation criteria.

Page limits

- 1 cover page with the details of the candidates; use the table below.
- Maximum 1 page for section 1 (Motivation & problems addressed in the PhD work)
- Maximum 7 pages for section 2 (Scientific and Technological Excellence of the work)
- Maximum 1 page for section 3 (impact)
- Maximum 1 page for section 4 (List of scientific output)

Font: The minimum font size allowed is 10 points (including tables). The page size is A4, and all margins (top, bottom, left, right) should be at least 15 mm (not including any footers or headers).

First name	
Last name	
Affiliation	
E-mail	
Phone number	
Title PhD thesis	
Start PhD date	
End PhD date	
Type PhD topic*	
Collaborators**	

*E.g., Applied research/ R&D, fundamental research, etc.

**E.g., university, industry, research centre, etc.

1. Motivation & problems addressed in the PhD work (max 1 page)

- Describe and motivate the work addressed in your PhD work.
- What are the main problems addressed? How urgent are these problems?
- What has been done already w.r.t. these problems and what is still missing?
- Describe the specific objectives for your PhD work.

2. Scientific and Technological Excellence of the work (7 pages max)

- What are the main contributions of your work? Divide them in
- For each contribution specify:
 - *Concept and approach*: describe and explain the overall concept underpinning the work and the methodology. Describe the main ideas, models or assumptions involved. Describe and explain the overall approach and methodology
 - *Obtained results*: describe the main obtained results. Describe the innovations achieved in the work if applicable.
 - *Novelty and foundational character*: Describe how your work advances/ outperforms the state-of-the-art, and to what extent the performed research is based on cutting-edge knowledge, new ideas and concepts.
- Max 2 pages per contribution.
- Use one subsection per contribution, each divided into three sub-subsections: (a) Concept and approach, (b) Obtained results, and (c) Novelty and foundational character.

3. Impact (max 1 page)

- Describe what impact your work could have either in the short term or in the long term. E.g.:
 - Will it strength the industrial competitiveness, grow and sustainability? Will it solve a bottleneck in today's industry?
 - Will it improve the innovation capacity and the integration of new knowledge?
 - Will your work establish an essential basis for a new line of scientific and/or technological research and its future uses, not currently anticipated?
 - Does the performed research represent an ambitious and concrete step towards the long-term vision promising research?

4. List of scientific output (max 1 page)

- Provide a list of your scientific outputs and innovations including:
 - Patents
 - Books/ book chapters
 - Journal papers
 - Conference papers
 - Workshop papers
 - Etc.