**COVER PAGE**

**TTTC’s E. J. McCluskey Best Doctoral Thesis Award Contest**

**ETS’24 Semifinal**

|  |
| --- |
| *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)*   ***Template:***  *The paper must follow the IEEE conference paper style with a minimum font size of 10pt including tables.* |

|  |  |
| --- | --- |
| 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.

# 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 wrt these problems and what is still missing?
* Describe the specific objectives for your PhD work.

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

* What are the main contributions of your work?
* For each contribution, specify the following:
  + *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.

# Impact (max 1 page)

* Describe what impact your work could have either in the short term or in the long term:
  + Will it strengthen the industrial competitiveness, growth, 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 of promising research?

# List of scientific output (max 1 page)

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