

Declaration of originality

I declare under my responsibility that the Project presented with the title **CoGuide: Contrastive Diffusion Guidance for Spatial Inverse Problems** at the ICAI School of Engineering of the Comillas Pontifical University in the academic year 2025/2026 is of my authorship and has not been presented previously for other purposes. The Project is not plagiarised from any other, either totally or partially, and the information that has been taken from other documents is duly referenced.


Use of Artificial Intelligence¹

I declare under my responsibility (indicate the correct option):

- I have not used Artificial Intelligence in the preparation of this document.
- I have used Artificial Intelligence in the preparation of this document and/or Annex B under the conditions allowed by Comillas Pontifical University, i.e. applying Level 2 of the Perkins et al. (2024) Assessment Scale: *“AI can be used for pre-task activities such as brainstorming, description and initial research. This level focuses on the use of AI for planning, synthesising and generating ideas, but assessments should emphasise the ability to develop and refine these ideas independently”*. Specifically, Artificial Intelligence has been used to:

Artificial Intelligence has been used for brainstorming and broadening the search space for resources and materials. It has also been used for LaTeX formatting, table creation, grammar checking, and ensuring correctness.

¹This declaration refers to the use of generative Artificial Intelligence to carry out the Project documents (Annex B and Memory). It does not apply to Projects where, by their nature, artificial intelligence must be used as part of them (application of machine learning techniques, neural networks, data analysis...).


Signature: Jorge Vančo Sampedro
Date: 29/05/2026

Authorisation for Project delivery

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