

Use of Generative AI

It is now required at EECS to include a formal declaration on the use or non-use of Generative AI in the thesis.

Generative AI tools are increasingly being used in academic practice, from scoping research areas, ideating on research questions, identifying new and valuable literature, generating data and materials, and, most commonly, supporting academic writing. Generative AI can help improve language, grammar, and flow in the text without changing the actual content, or to manage references. These tools provide a variety of support and capacity for research and can help a doctoral student fulfill the learning requirements of their PhD studies. However, they can also introduce new challenges and require additional skills to use responsibly and effectively, ensuring appropriate professional and ethical practice and integrity, including good citation practices, verification of evidence, quality management, and authorship of academic texts.

We strongly suggest that students who use or intend to use Generative AI tools in their PhD research discuss this with their supervisors and explore the guidelines and best practices within their discipline. The use of Generative AI should be discussed as early as possible in the PhD studies.

In order to ensure transparent use of Generative AI in the PhD research process, EECS and the doctoral programs mandate that the use of Generative AI be declared in the thesis. Even if Generative AI is not used, a declaration should be included in the thesis. If AI-generated information is used, it should be declared in the thesis (before the reference list) specifying exactly how AI was used, e.g., to generate ideas to improve content, get feedback on text structure, or rewrite text, etc., and which specific AI tool was used.

Relevant Links:

KTH Ethics and Good Practice:

<https://intra.kth.se/en/forskning/overgripande-stod/etik-och-god-forskni>

The European Code of Conduct for Research Integrity: <https://allea.org/code-of-conduct/>

Association of Computing Machinery (ACM) Code of Ethics and Professional Practice:

<https://www.acm.org/code-of-ethics>

IEEE Ethics:

<https://conferences.ieeeauthorcenter.ieee.org/author-ethics/ethical-requirements/>