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**Ärende:** Policy on the use of AI in doctoral education at the Department of Physics and Astronomy  
**Datum:** den 27 januari 2025 15:10:04

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Hej,

Regarding the use of AI in doctoral education at IFA. We, the FUAP group at IFA, suggest the text below as a "Policy on the use of AI in doctoral education at the Department of Physics and Astronomy".

För FUAP-gruppen  
/mattias

Oleg Kochukhov  
Ulf Danielsson  
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Policy on the use of AI in doctoral education at the Department of Physics and Astronomy

The department permits the use of generative AI tools in doctoral research and in writing doctoral and licentiate theses under the following conditions to maintain academic integrity and uphold quality.

1. Author responsibility:

The author is fully responsible for the correctness and academic rigour of the thesis. AI-generated content, as specified below, must be critically reviewed, verified, and edited by the author to ensure that it is accurate and aligns with research objectives. The thesis should reflect the author's original thinking and contributions, with AI used as a supplementary tool rather than a primary method for content creation.

2. AI use in research:

Generative AI tools may be used in research, such as for data visualisation, coding, assisting in the development of experimental ideas, or when AI itself is the subject of research. However, their use must be critically assessed, with the author remaining responsible for interpreting and validating AI-assisted outputs. The methodology, tools, and extent of AI involvement must be clearly documented in the thesis to ensure reproducibility.

3. AI use in scientific writing:

The original text must be written by the author and cannot be generated by AI. The tools can only be used to correct language errors, improve style, polish, condense, translate, and reformat this text. AI tools may also be used to create artwork and illustrations, provided proper credit is given.

4. Plagiarism and academic integrity:

Authors must strictly adhere to institutional policies and academic integrity standards regarding plagiarism.

5. Journal policies:

Authors must ensure compliance with the AI use guidelines of journals where parts of the thesis may be submitted.

6. Disclosure on using AI in scientific writing:

A disclosure statement is recommended in licentiate and doctoral theses, detailing the extent to which generative AI was used in the preparation of the thesis.