

Use of AI Tools in COMAP Contests

This policy is motivated by the rise of artificial intelligence (AI) tools, including large language models (LLMs), generative AI, mathematics software, translation software, code-copilots, auto-complete technologies, and other AI-assisted technologies. The policy aims to provide greater transparency and guidance to teams, advisors, and judges. This policy applies to all aspects of student work, from research and development of models (including code creation) to the written report, even translations from a teams' preferred language into English. Since these emerging technologies are quickly evolving, COMAP will refine this policy as appropriate.

Teams must be open and honest about all their uses of AI tools, including embedded AI (e.g., mathematics software, translation software, code-copilots, and other AI assisted auto-complete technologies, etc.). The more transparent a team and its submission are, the more likely it is that their work can be fully trusted, appreciated, and correctly used by others. These disclosures aid in understanding the development of intellectual work and in the proper acknowledgement of contributions. Without open and clear citations and references of the role of AI tools, it is more likely that questionable passages and work could be identified as plagiarism and disqualified.

Solving the problems does not require the use of AI tools, although their responsible use is permitted. COMAP recognizes the value of AI tools as productivity tools that can help teams in preparing their submission; to generate initial ideas for a structure, for example, or when summarizing, paraphrasing,

Guidance for teams

Teams are required to:

1. **Clearly indicate the use of AI tools**, including large language models (LLMs), generative AI, mathematics software, i