



Use of AI Tools in The COMAP SCUDEM Challenge

Purpose: The policy aims to provide greater transparency and guidance to teams, advisors, and judges on the use of AI tools in the SCUDEM challenge. This policy applies to all aspects of student work, from research and development of models (including code creation) to the video submission, even translations from a teams' preferred language into English. Since these emerging technologies are quickly evolving, COMAP will refine this policy as appropriate.

Definition: Artificial intelligence (AI) tools are software applications to assist in complex tasks. They may be a stand-alone tool or embedded inside other programs to assist in their function. Examples include, but are not limited to, large language models (LLMs), generative AI, generative images, mathematics software, code-copilots, translation software, auto-complete technologies, and other AI-assisted technologies. Additionally, specific video-related AI tools, such as generative image, video, and audio tools, text-to-video, image generation, voice synthesis and cloning, AI avatars and presenters, AI music generation, automated captioning, scene generation, background replacement, auto-cut, noise removal, "magic" enhancement features.

Responsible use: Team must ensure that their use of AI tools adheres to widely accepted responsible use practices, including transparency, fairness, accuracy, contextual understanding, and human responsibility.

- **Transparency:** Teams must be open and honest about all their uses of AI tools. 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.
- **Fairness:** Teams must ensure that AI generated material fairly represents their viewpoints. Previously published content may contain racist, sexist, or other biases that can arise in AI-generated material, and some important viewpoints may not be represented.
- **Accuracy:** AI tools can 'hallucinate' i.e. generate false content, especially when used outside of their domain or when dealing with complex or ambiguous topics. They can generate content that is linguistically but not scientifically plausible, they can get facts wrong, and they have been shown to generate citations that don't exist. Some AI tools are only trained on content published before a particular date and therefore present an incomplete picture.
- **Contextual understanding:** AI tools cannot apply human understanding to the context of a piece of text, especially when dealing with idiomatic expressions, sarcasm, humor, or metaphorical language. This can lead to errors or misinterpretations in the generated content.
- **Human responsibility:** Teams are responsible for their submission. Teams must verify the accuracy, validity, and appropriateness of anything in their submission, including content created by AI tools.

Permitted, not required: 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. Judging does not reward or penalize AI use itself, but evaluates the quality and integrity of the work. It is important to note that AI tools have limitations and are unable to replace human creativity and critical thinking. COMAP advises teams to be aware of these risks if they choose to use AI tools.

Guidance for teams

Teams are required to:

1. **Clearly indicate the use of AI tools**, including which model was used and for what purpose, in the Report on Use of AI Tools that will be submitted in the SCUDEM Team Video Submission Form.
2. **Verify the accuracy, validity, and appropriateness** of the content and any citations generated by AI tools and correct any errors or inconsistencies.
3. **Provide citation and references, following guidance provided here**. Double-check citations to ensure they are accurate and are properly referenced.
4. **Be conscious of the potential for plagiarism** since AI tools may reproduce substantial text from other sources. Check the original sources to be sure you are not plagiarizing someone else's work.

**COMAP will take appropriate action when
we identify submissions likely prepared with undisclosed use of such tools.**

If a team chooses to utilize AI, they are required to submit a separate PDF file titled Report on Use of AI Tools. This document has no page limit. Note that if AI was used for translation purposes you are not required to include your full input query but simply include a statement as outlined in example 1 below. Examples (this is *not* exhaustive – adapt these examples to your situation):

Report on Use of AI Tools

1. [Translation Tool] ([date] version) Entire report, written in [language], translated into English.
Example 1: Baidu Fanyi, *Baidu Translate* (Sep 10, 2025 version)
Uploaded entire paper written in Mandarin to be translated into English.
2. [Chat Assistant] ([date] version, [model name]) Query: *[exact text entered]* Output: *[complete output received]*
Example 2a: OpenAI *ChatGPT* (Nov 5, 2023 version, ChatGPT-4)
Query: *<insert the exact wording you input into the AI tool>*
Output: *<insert the complete output from the AI tool>*
Example 2b: OpenAI *Ernie* (Nov 5, 2023 version, Ernie 4.0)
Query: *<insert the exact wording you input into the AI tool>*
Output: *<insert the complete output from the AI tool>*
[Code Copilot] ([date] version) Auto-completions for code used in preparing our models.
Example 3: GitHub *CoPilot* (Jan 16, 2024 version)
Auto-completions for code used in preparing our models.
3. [Text-to-Video Tool] ([date] version) Purpose: *[state the purpose of the video clip]*. Appears at: *[time stamp on screen]*, labeled on screen "AI-generated animation." Prompt: *[exact prompt text]*
Example 4: Runway Gen-4 (Mar 12, 2026), Purpose: Generated a 12-second animated illustration of (example topic). Appears at: 02:14–02:26, labeled on screen "AI-generated animation." Prompt: *[exact prompt text]*
4. [Voice Synthesis Tool] ([date] version) Purpose: *[state the purpose of the narration]*. Appears at: *[time stamp on screen]*.
Example 5: ElevenLabs (Feb 2026), Purpose: Narration voiced from our written script using a synthetic stock voice named "Daniel" (no real person's voice cloned). Appears at: throughout (00:00–07:30).
5. [Editing Software] AI features ([date] version) Purpose: *[state the purpose and location of the editing]*. Appears at: *[time stamp on screen]*.
Example 6: Adobe Premiere Pro (v26.1). Purpose: Auto-captions and Enhance Speech (verified and corrected by the team) and background noise removal throughout the entire video. Appears at: 0:00-9:34.