CUMPC 2026 Guidelines for Abstracts

Thank you for your interest in participating in the Canadian Undergraduate Medical Physics Conference (CUMPC 2026).
This document provides a detailed guide to help you develop and submit your abstract and supporting document. Whether this is your first time submitting to a conference or not, our step-by-step guidelines are designed to support all applicants.

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1. General Requirements

- We will only accept submissions from individuals affiliated with Canadian universities and institutions at the undergraduate level.
- The abstract must be original and based on research in medical physics reflecting the applicant's contributions.
- Only one unique submission per applicant is allowed.
- Work in progress is welcome; any developments made after submission can be included in your presentation.

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2. PDF Formatting Guidelines

Your final PDF submission must include both the abstract and supporting document:

- Must be written in English using Times New Roman (12 pt) font.
- Only the supporting document must be anonymized — remove your name, institution, and any identifying details from the supporting file.

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3. PDF Abstract Formatting Guidelines

We suggest downloading the abstract template from the "How-To" section of the CUMPC website and use it to format your submission. These guidelines must be strictly adhered to if you wish to publish in the conference proceedings.

- **Title:**
  Bold; only capitalize the first letter of the first word, the first letter following a colon, and any proper nouns or abbreviations.
- The abstract must not exceed 300 words.
- Use the following section headings (Section headings count toward the 300 word limit), each bolded:
    - **Introduction:**
      Briefly introduce the background and objectives of the study.
      Consider: What was the objective of your research? Was there a goal to make a

particular measurement, collect a certain dataset, analyze existing data, build on an existing theory, or conduct a literature review?

- **Methods:**
  Describe the methodology used.
  Physics research is typically conducted according to a method—experimental, analytical, or both. This section should describe what was actually done to obtain, analyze, or interpret data or models.
  Consider including:

  - What chemicals, radionuclides, or energy sources (x-ray, gamma ray, particulate, nuclear, etc.) were used, and their amounts or energies if relevant.
  - What equipment (hardware/software) was used, created, or modified? Were human or animal subjects involved?
  - The conditions or parameters of experimental or theoretical work.
  - Methods of analysis, including any statistical tests.
  - Manufacturers for key equipment, if critical to your setup.

- **Results:**
  Summarize the main findings.
  This section should be the bulk of your abstract, focusing on the most important quantitative results.
  Consider including:

  - Results that answer your primary objective, followed by any supporting or secondary findings.
  - Negative results, if applicable.
  - Clear, specific statements supported by numbers.
    Example: "Gene expression was significantly higher in malignant tissue than benign tissue (75% vs. 10%; $p < 0.05$)" is more informative than "Gene expression varied."

- **Conclusion:**
  Highlight the implications or impact of the study.
  This is your take-home message—clear, concise, and supported by your results. Most conclusions are 1–3 sentences long.

  - What are the main implications of your findings?

- Do not make claims not directly supported by your data.

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4. PDF Supporting Document Formatting Guidelines

- The Supporting Document should include a statement of Innovation/Impact to help identify the most exciting and interesting submissions.
- The Supporting Document must not include the title or list any author names. To maintain the integrity of our blind review process, no author information or institutional affiliations should appear anywhere in the Supporting Document.
- The Abstract cannot depend on the Supporting Document, nor should it refer to it. The Supporting Document will not be published in the program, so references such as *"as can be seen in Fig. 1 of the Supporting Document"* or *"results are listed in the table in the Supporting Document"* must be avoided.
- May include one figure and/or one table.
- Limited to one page (single-spaced, 0.5" margins).
- Structure the content with the following bolded section headings:
    - Impact and Innovation
    - Background
    - Key Results
    - References (use American Institute of Physics [AIP] citation style)
- Supporting Document content should not duplicate material presented in the Abstract.
- Captions for figures and tables must be *italicized* and placed below the respective item.

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5. Submission Instructions

- Visit cumpc.ca to create a user account (Note: this is not your conference registration).
- After account creation, sign in and click on "Abstract Submission".
- Upload your PDF using the following filename format:
    - Abstract_FirstNameLastName.pdf (e.g., Abstract_JaneDoe.pdf)
- Submission window: July 3 (00:01 AM) to July 22 (11:59 PM ET). No submissions will be accepted after the deadline.
- You may revise your submission during the window, but each upload will overwrite the previous one. Keep local copies of all versions.

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6. Contact and Support

For any issues with submission or account access, please email organizers.cumpc@gmail.com with a clear subject line and description.

Stay connected:

- X: @CUMPConference
- Instagram: @cumpconference
- LinkedIn: Canadian Undergraduate Medical Physics Conference

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