CALL FOR ABSTRACTS: CoSMEd XI 2025

The 11th Conference on Science and Mathematics Education (CoSMEd XI) 2025, organised by SEAMEO RECSAM, brings together educators, researchers, and policymakers to explore innovations and challenges in STEM education. This year's theme, "Navigating STEM Education in a BANI World," highlights the need to rethink STEM education to equip learners with the skills, mindset, and resilience required to thrive in an increasingly unpredictable and complex global landscape.

As the world shifts beyond the VUCA (Volatility, Uncertainty, Complexity, and Ambiguity) framework, the BANI paradigm (Brittleness, Anxiety, Non-linearity, and Incomprehensibility) offers a deeper perspective on contemporary challenges. Through this conference, we aim to foster discussions and share research that redefines STEM education in response to these emerging complexities.

We invite researchers, educators, and practitioners to submit abstracts aligned with the conference theme and related subtopics. Below are the guidelines for abstract submission:

1. INTRODUCTION

The abstract submission guidelines intend to provide clear instructions for the abstract submission. Prospective authors are encouraged to read the guidelines below carefully. The Paper Committee reserves the right to reject any abstract that does not meet the requirements or is in violation of them.

2. ABSTRACT SUBMISSION GENERAL GUIDELINE

Notes for Contributors

i. Abstracts must be original and free from plagiarism, unpublished, and not previously presented at any conference. They must not, in any manner, be in breach of copyright.

ii. Authors are requested to submit an electronic copy of the abstract via the conference website ONLY. The deadline for abstract submission is as stated on the conference website. Late submissions will not be considered.

iii. Each abstract must be submitted in Microsoft Word (.doc/.docx) OR PDF (.pdf) formats. Prior to submission, authors should thoroughly check their abstracts for

spelling, grammar, and content accuracy, as amendment requests will not be entertained.

iv. The abstract should be written in UK English, with a maximum of 250 words, structured into four sections: purpose/objective, method, findings, and significance. Additionally, it should include four to six keywords separated by commas.

v. Graphics and references should not be included, and abbreviations should be used sparingly.

vi. All submissions must adhere to the provided template.

vii. Abstract submitters must follow the APA (7th edition, 2019) style.

viii. Once reviewed, the Paper Committee will notify submitters accordingly. Decisions are final.

3. ABSTRACT FORMATS

Title:

Title header: If a long title is necessary, please prepare an optional short title.

Upper lower case bold/centred/11.5pt

Example:

Contextualisation of Fractions: Teachers' Pedagogical and Mathematical Content Knowledge for Teaching

Author(s) and Affiliation:

- List authors in the following format:
- Surname FIRST NAME[1], Surname FIRST NAME[1], and Surname FIRST NAME[2]*
- Use superscripts ([1],[2]) to indicate different affiliations.
- The corresponding author should be marked with an asterisk (*).
- Provide full institutional affiliations, including department, faculty, university, and country.
- The corresponding author's email must be included.

Example:

Surname FIRST NAME[1], Surname FIRST NAME[1]* and Surname FIRST NAME[2]
((bold /9.5 pt))

[1]Department, Faculty, University, Country

[2]Department, Institute, Country

*Corresponding author: author@gmail.com

Abstract

The manuscript should include an abstract of 200 to 250 words, covering four key sections: purpose/objective, method, findings, and significance/conclusion. Please also include four to six keywords, separated by commas. The abstract should be typed in Times New Roman, 12-point font, regular style, single-spaced, and justified alignment, with 1-inch margins on all sides.

Example:

Purpose/Objective, Method, Findings, Significance/Conclusion

Keywords: Fractions, Numeracy, Teachers' content knowledge of mathematics, Teachers' pedagogical content knowledge of mathematics, Contextualisation

4. WITHDRAWAL POLICY

Prior to abstract submission, ensure that the following are agreed upon by all authors:

i. Be aware that their names will appear on the abstract and all authors agree to the submission and presentation of the results.
ii. Understand that the paper presentation may be photographed, videotaped and/or recorded via other media during the conference.
iii. Understand that all possible patent and copyright issues must be resolved before submission. For further inquiries, kindly email cosmed@recsam.edu.my