Mathematics Classroom Teaching Research for All Students

THE 2025 M-CTRAS CONFERENCE
FIRST ANNOUNCEMENT

We are pleased to announce that the 2025 Mathematics Classroom Teaching Research for All Students (M-CTRAS) Conference will be held at Johannes Kepler University Linz, Austria, from June 23 to 25, 2025, in a hybrid format.

The conference is co-organized by Johannes Kepler University Linz, in partnership with the University of the Philippines Open University.

Background of M-CTRAS

The Mathematics Classroom Teaching Research for All Students (M-CTRAS) organization is an inclusive and collaborative community dedicated to advancing research and practice in mathematics education. The organization comprises mathematics educators, college students, and K-12 classroom teachers. Since its inception, the M-CTRAS has expanded to numerous universities and school districts across various countries and regions, spanning from East to West. The organization hosts an annual conference that focuses on significant research areas in mathematics education for all students.

The 2025 M-CTRAS Conference Theme: Inspiring Research on Mathematics Classroom Resources

Since the onset of the COVID-19 pandemic, education researchers and practitioners have recognized the importance of various instructional and learning resources, ranging from static, tactile, physical materials to more dynamic, interactive, and sophisticated tools that meet the demands of both onsite and remote learning environments. This underscores the significance of all types of educational resources—whether traditional or digital—in supporting effective teaching and learning.

The proposed theme will bring together researchers and educators to share research findings, best practices, and innovative resources in mathematics instruction. Through this conference, we aim to foster collaboration among researchers, educators, practitioners, and policymakers to enhance mathematics instruction for all students.

Subthemes

Contributions on the theme includes the following:

1. Educational materials and resources (including platforms and applications) in Mathematics classrooms
   The first subtopic covers studies on the development and use of physical materials and digital platforms or applications designed to enhance the teaching and learning of mathematics in classrooms. This includes textbooks, workbooks, manipulatives (such as blocks or tiles), visualization objects, online tools, educational software, and applications that provide interactive and engaging learning experiences.

2. Artificial Intelligence and Other Emerging Technologies in Mathematics Classrooms
   The third subtopic includes studies which explore the integration of artificial intelligence (AI) and other cutting-edge technologies into mathematics education. These studies may include using AI for personalized tutoring, automated grading, and offering data-driven insights into student performance. Studies involving emerging technologies like virtual reality (VR), augmented reality (AR), and machine learning to create immersive and interactive learning environments are also included in this subtopic.
3. Mathematics Teaching Resources in Open and Distance e-Learning
   The 4th subtopic encompasses studies that involve specific resources and strategies used for teaching mathematics in open and distance e-learning environments. It includes online course materials, digital textbooks, interactive modules, and virtual classrooms that support remote learning. Resources in this context must be designed to facilitate effective instruction and engagement without the need for physical presence.

Submissions and Important Deadlines

Contributions should align with one of the indicated subthemes but are not limited to other topics related to the theme. They may consist of research projects, research reports, works in progress, or research proposals. The 2025 M-CTRAS invites submissions for both oral and poster presentations.

The official conference language is English. All contributions submitted must be in English and in abstract format (between 250-300 words). The paper should clearly state the research problem being addressed, the research methodology, the results, and the implications (if applicable).

Key Dates to Remember

Deadline (First Call): December 20, 2024, 11:59 PM (GMT+8)
Review results will be sent to your registered email address within four (4) weeks after submission.

Registration Fee

The registration fee is around 130-180 EUR. The exact prices and detailed information will be announced soon.

To receive updates regarding the conference, you may join our mailing list through this link: https://forms.office.com/r/AkStPfQBeK

M-CTRAS Membership

To join the Mathematics Classroom Teaching Research for All Students (M-CTRAS) as a member, you may refer to this link: https://forms.office.com/e/K5x8ww9p27

How to Contact Us

For any concerns or questions, you may send us an email through: mctras@upou.edu.ph