













## Hong Kong Mathematics Education Conference 2025

### Theme: Embracing the Journey of Innovation in Mathematics Education Call for Contributions

<p><b>Date:</b> 13<sup>th</sup> June 2025 (Friday)</p> <p><b>Venue:</b> Hong Kong Metropolitan University Jockey Club Campus</p> <p><b>Time:</b> 09:00 – 17:00 (GMT +8)</p>	<p>HKMEC 2025 website</p> 
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<b>Organizers</b>	Hong Kong Association for Mathematics Education School of Education and Languages, Hong Kong Metropolitan University
<b>Aims</b>	<p>The theme of this year’s mathematics education conference is “Embracing the Journey of Innovation in Mathematics Education”, aiming to explore various challenges and opportunities facing mathematics education today. With the rapid development of technology, the modes and strategies for teaching mathematics are constantly evolving. The conference will delve into how digital tools and resources can help enhance teaching and learning effectiveness, and develop students’ mathematical thinking skills.</p> <p>Experts and scholars will be invited to share their insights and practical examples of the integration of technology in mathematics education. Topics include “How do mathematics teachers embrace the opportunities of educational innovation?”, “What changes are needed in mathematics education in the middle of technological innovations?”, and “What is the role of artificial intelligence in mathematics education?”. In addition, the conference will provide a platform for teachers and educators to share experiences and practices to address the challenges in mathematics education.</p>
<b>Activities</b>	<p>Activities include paper presentations, workshops and other forms of knowledge exchange.</p> <p>Paper presentation (Time limit: 20 minutes or 40 minutes)</p> <p>Workshop or other forms of activities (Time limit: 40 minutes or 80 minutes)</p> <p>Topics of different forms of activities may include any one of the following areas:</p> <p><b>Mathematics education and technology</b></p> <ul style="list-style-type: none"> <li>• Impact of educational technology on mathematics education</li> <li>• Application and revelation of Artificial Intelligence in mathematics education</li> <li>• Integration of technology in mathematics education</li> <li>• Appropriate electronic tools for mathematics classrooms</li> <li>• Using technology to promote self-directed learning in mathematics education (flipped classrooms, blended learning, etc.)</li> <li>• Assessment strategies in the information age</li> <li>• Discussing mathematics on social media</li> <li>• Integration of mathematical thinking and computational thinking</li> </ul> <p><b>Mathematics curriculum</b></p> <ul style="list-style-type: none"> <li>• Bridging of mathematics curricula (kindergarten, primary, secondary and university)</li> <li>• Interdisciplinary mathematics learning (Mathematics in Science, Geography, History, Physics, Chemistry, Biology, Economics, etc.)</li> <li>• New directions in mathematics education (mathematical modeling, data literacy, AI in mathematics, etc.)</li> </ul>

	<ul style="list-style-type: none"> <li>• STEAM teaching (the role of mathematics in STEAM education)</li> <li>• Mathematics curricula in different regions (IB, IGCSE, Mainland, Singapore, etc.)</li> <li>• Cultivating positive values in mathematics education (Chinese culture and national security)</li> <li>• School-based curriculum planning</li> </ul> <p><b>Mathematics teaching</b></p> <ul style="list-style-type: none"> <li>• Mathematics pedagogies</li> <li>• Catering for learner diversity</li> <li>• Assessment strategies</li> <li>• Enhancing interest in mathematics learning (history of mathematics, stories, games, activities, etc.)</li> <li>• Early childhood mathematics learning strategies (games, mathematics picture books, inquiry-based learning, music, etc.)</li> <li>• Mathematics and Arts</li> <li>• Strategies to support mathematics instruction for SEN students</li> </ul>			
<b>Language</b>	Chinese (Cantonese or Mandarin) and English			
<b>Activity Proposal Submission Method</b>	<p>Participants who wish to conduct an activity must choose one of the following methods to submit an activity proposal:</p> <p><b>Method 1: Online submission</b></p> <p>1. Fill in the “Online Registration Form” to register and pay the registration fee.  <b>【Online Conference Registration Form】</b></p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">           For Google user  <a href="https://forms.gle/iwmWHPWnoEfeYRE87">https://forms.gle/iwmWHPWnoEfeYRE87</a>   </td> <td style="width: 50%; text-align: center;">           For non-Google user  <a href="https://forms.office.com/r/82TtBf1RJv">https://forms.office.com/r/82TtBf1RJv</a>   </td> </tr> </table> <p>2. Fill in the “Online Activity Proposal” including an abstract of not more than 300 words.  <b>【Online submission of Activity Proposal】</b></p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">           Submission link: <a href="https://forms.gle/tug92u5znFW1QHE79">https://forms.gle/tug92u5znFW1QHE79</a>   </td> </tr> </table> <p><b>Method 2: E-mail submission</b></p> <ol style="list-style-type: none"> <li>1. Fill in the “Registration Form” to register and pay the registration fee.</li> <li>2. Fill in the “Activity Proposal” including an abstract of not more than 300 words.</li> <li>3. Send the “Activity Proposal” to <a href="mailto:hkmec.2025@gmail.com">hkmec.2025@gmail.com</a> with the subject “HKMEC2025 Activity Proposal”.</li> </ol>	For Google user <a href="https://forms.gle/iwmWHPWnoEfeYRE87">https://forms.gle/iwmWHPWnoEfeYRE87</a> 	For non-Google user <a href="https://forms.office.com/r/82TtBf1RJv">https://forms.office.com/r/82TtBf1RJv</a> 	Submission link: <a href="https://forms.gle/tug92u5znFW1QHE79">https://forms.gle/tug92u5znFW1QHE79</a> 
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<b>Submission Deadline</b>	28 <sup>th</sup> February 2025 (Friday)			
<b>Announcement of Results</b>	The results of the proposed activities will be announced by 28 <sup>th</sup> March 2025 via email. Applicants are required to submit a full paper or a complete proposal to the conference organizers on or before 28 <sup>th</sup> April 2025.			

HKMEC 2025 Organizing Committee:

Dr. Cheng Wing Kin (Chairperson), Ms. Lam Cheuk Yan (Chairperson), Dr. Ng Hung Wai Rex (Secretary), Mr. Hui Chun Kong (Treasurer),  
 Dr. Chong King Man Eric, Mr. Ho Kwok Man Keith, Mr. Law Chun Kit, Ms. Lee Yuk Kit Kitty, Ms. Leung Lok Tung Suzanne, Mr. Wong Ka Lok