



**Curtin University**

## **12th International Conference on Science, Mathematics & Technology Education (icSMTE)**

**27-29 NOVEMBER 2025**

**CURTIN UNIVERSITY, AUSTRALIA**

**JIAXING UNIVERSITY, CHINA**

### **ANNOUNCEMENT AND CALL FOR PAPERS**

#### **CONFERENCE THEME:**

**STEM for a Better World: Innovation, Ethics, and Impact"**

– Examining the ethical and societal implications of STEM advancements

**VENUE: Jiaxing University, Jiaxing, Zhejiang, China**

#### **ORGANISERS:**

**Jointly organised by the STEM Research Group, School of Education Curtin University, Perth, Australia and Jiaxing University, Zhejiang, China**

The 12th icSMTE is being jointly organized by the Science, Technology, Engineering, and Mathematics Education Research Group (STEMrg), previously known as the Science and Mathematics Education Centre (SMEC), and Jiaxing University. STEMrg is part of the School of Education within Curtin University's Faculty of Humanities. The group specializes in postgraduate education in STEM fields and is recognized nationally and internationally for its research and development excellence. With one of the world's largest cohorts of postgraduate students focused on STEM education, STEMrg supervises MPhil, PhD, and Doctor of Education candidates from across Australia and various countries worldwide.

## CONFERENCE CONVENORS

**Curtin University**            Professor Rekha Koul  
   Professor Rachel Sheffield  
   Dr Jia White

**Jiaxing University**        Professor Xiaofeng Zhu  
   Professor Weiwei Pan  
   Professor Shihou Zhou

## BACKGROUND

Following the successful conferences in Vietnam, South Africa, Canada, Thailand, Taiwan, Oman, Indonesia, Malaysia, Mauritius and India this conference will provide another intellectually challenging and culturally enriching experience for science, mathematics and technology teachers, teacher educators, researchers and administrators from all education levels from around the world. The most recent SMTE was hosted by the Punjabi University Patiala, India. The 12th icSMTE will be hosted by the Jiaxing University, China.

## CONFERENCE LANGUAGE

All keynote addresses will be presented in English. Papers may be presented either in English or Chinese.

## CONFERENCE TOPICS

Papers for the conference may be about any of the following topics but papers on other topics of science, mathematics and technology education are also welcome.

- **Innovative Teaching & Learning** – Pedagogical approaches, active learning, flipped classrooms, and inquiry-based STEM education.
- **Technology in STEM Education** – AI, VR/AR, coding, robotics, and digital tools for enhancing STEM learning.
- **Equity, Diversity & Inclusion** – Strategies for engaging underrepresented groups, gender diversity, and accessibility in STEM.
- **Industry & Workforce Development** – Collaboration between academia and industry, STEM skills for the future workforce.
- **Interdisciplinary STEM Education** – Integrating arts (STEAM), humanities, and social sciences with STEM disciplines.
- **Assessment & Evaluation** – Measuring learning outcomes, innovative assessment techniques, and educational research methods.

- **STEM Policy & Curriculum Development** – National and international trends, curriculum frameworks, and policy implications.
- **Early Childhood & K-12 STEM Education** – Best practices for engaging young learners in STEM subjects.
- **Higher Education & Research in STEM** – University-level STEM teaching, research experiences, and postgraduate education.
- **Community & Informal STEM Learning** – Museums, science festivals, outreach programs, and citizen science initiatives.

## **OPENING ADDRESS**

**Professor Xi SHEN**, Chairman of University Affairs Committee

## **KEYNOTE SPEAKERS**

**Professor Lei YUAN**, Professor and doctor of Guangxi Normal University, deputy director of the education blockchain and Intelligent Technology Laboratory of the Key Laboratory of the Ministry of education, and member of the basic education informatization teaching steering committee of the Ministry of education.

**Mrs Xiaoping ZHANG**, executive chairman of Jiaxing experimental primary school, a meritorious teacher in Zhejiang Province and a national excellent teacher, has promoted the research on the practice of stem education in China for more than 10 years.

**Associate Professor Elisabeth (Lily) Taylor**, National Postgraduate Research Coordinator, School of Education, The University of Notre Dame Australia

## **CALL FOR PAPERS**

**website:** <http://12thsmte2025.zjxu.edu.cn>

In addition to three keynote speeches, the conference will include oral presentations, poster presentations and paper sets. The oral presentations will be of 20 minutes duration followed by a 10-minute discussion.

Participants are invited to submit their abstracts by 15th October 2025 for consideration for inclusion in the conference. Each abstract will be reviewed by at least two referees. The deadline for receiving full papers for publishing in the peer reviewed Conference Proceedings is 28th February 2026.

If you would like to contribute to the conference, either as an individual or as part of a group, please go to the website and upload an abstract of your proposed contribution. The abstract for each proposed presentation should be no more than 250 words.

## **WORKSHOPS**

TBA

Three workshops will be conducted on first day of the conference. Topic of the workshop will be announced later.

## **TRANSPORTATION**

Free transportation will be provided from selected hotels to the conference venue.

## **ACCOMMODATION**

Special rates have been negotiated with a number of hotels in the cost range of....

Jiaxing DOUBLETREE by Hilton

<https://doubletree.com.cn/zh-cn/hotel/jiaxing/doubletree-jiaxing-hghjidi/dinings.html>

Jiaxing Dragon Dream Hotel

<http://jd02.kmygqg.cn/287771/rooms.html>

## **SIGHTSEEING TOURS**

A cultural tour will be organised on 30<sup>th</sup> November 2025.

## **REGISTRATION FEE**

| <b>Before September 15<sup>th</sup></b> | International AUD\$ |
|---|---------------------|
| Full registration                       | 600                 |
| Full time student registration          | 400                 |
| <b>After September 15<sup>th</sup></b>  |                     |
| Full registration                       | 650                 |
| Full time student registration          | 450                 |

## **PAYMENT METHOD**

1. Beneficiary's Bank Name: THE INDUSTRIAL AND COMMERCIAL BANK OF CHINA ZHEJIANG BRANCH.
2. Beneficiary's Bank Address: No.419 SOUTH HEXING ROAD JIAXING ZHEJIANG CHINA
3. Bank swift code: ICBKCNBJZJP
4. Beneficiary's Name: Jiaxing University
5. Beneficiary's Address: No.899 GUANGQIONG ROAD JIAXING ZHEJIANG CHINA
6. Beneficiary's Bank A/C No.: 1204068009049001258
7. Please leave a message when paying: 12th ICSMTE and name of payer
8. Registration Link: <http://12thsmte2025.zjxu.edu.cn>

## **DELGATE CANCELLATION**

A cancellation fee will be charged:

100% after 30 October 2025

50% after 30 September 2025

## **IMPORTANT DATES**

Date

|                     |  |
|---------------------|--|
| 15 October 2025     | Deadline for abstract submission   |
| 31 October 2025     | Deadline for conference registration   |
| 27-29 November 2025 | 12th International Conference on Science, Mathematics and Technology Education |
| 28 February 2026    | Deadline for full paper submission for publication in Conference Proceedings   |

## **Contact List:**

### **Australia**

Prof. Rekha Koul

R.Koul@curtin.edu.au

Tel: +618 92665812

### **China**

Jiaxing University

Prof. Shihou Zhou

E-mail: jxdxjyxy@zjxu.edu.cn

Tel: +86 0573 85235698