

Invitation to the CPMCM – UASR International Track

(China Postgraduate Mathematical Contest in Modeling – The International Track of the University Alliance of the Silk Road)

The China Postgraduate Mathematical Contest in Modeling (CPMCM) is a flagship event of the China Postgraduate Innovation and Practice Competitions (CPIPC). Organized by the Association of Chinese Graduate Education (ACGE) and guided by the Ministry of Education of China (MOE), CPMCM is a national academic competition open to all postgraduate students, emphasizing applied research and practice in mathematical modeling. Since 2003, the contest has been held successfully for 22 sessions, with over 600,000 postgraduate participants to date.

In 2026, Xi'an Jiaotong University (XJTU) will host the contest. Drawing on its role as the Secretariat of the University Alliance of the Silk Road (UASR) and its extensive international partnerships, XJTU will launch a dedicated International Track — the CPMCM – UASR International Track. We cordially invite outstanding postgraduate students from UASR member institutions and universities worldwide to take part.

This International Track invites participants to apply mathematical methods to real-world problems, with an emphasis on creativity and teamwork. It seeks to enhance practical innovation and scientific literacy by tackling authentic challenges.

We warmly welcome postgraduate students from around the world to take part in this exciting academic event. For details on eligibility, schedule, and awards, please refer to the attached *Participation Guidelines*.

**Organizing Committee of the China Postgraduate Mathematical Contest in Modeling
Xi'an Jiaotong University (Secretariat of the University Alliance of the Silk Road)**



西安交通大学

XI'AN JIAOTONG
UNIVERSITY



CPMCM – UASR International Track Participation Guideline

I. Eligibility Verification

1. Participant Identity

- (1) Non-Chinese master's or doctoral students currently enrolled at a higher education institution, either in China or abroad; and
- (2) Chinese master's or doctoral students under the same enrollment conditions. Each participating team must include at least one non-Chinese master's or doctoral student.

2. Institutional Definitions

A "foreign higher education institution" refers to any university or college located outside the People's Republic of China that is legally authorized to award degrees or diplomas independently; "Currently enrolled" means the student is registered with the institution and is eligible to obtain a degree or diploma from it.

II. Team Composition Requirements

1. Team Formation

Participation is restricted to teams. Each team must comprise exactly three members: one team leader and two team members. There are no restrictions on academic major or year of study. Cross-university teams are welcome.

2. Chinese Citizens

Chinese citizens studying at a foreign institution are eligible for the International Track, on the condition that each team has no more than two Chinese citizens.

3. Track Restriction

Chinese postgraduate students who register for this International Track may not simultaneously register for the Chinese Domestic Track.

III. Schedule and Submission Requirements

1. Registration

Each team must complete its registration via the "Registration Link" on the official website (<https://cpipc.acge.org.cn/platformEnWebsite/fillRegister/2c9080189dcfa24e01>)



9e3a31338c1778) by no later than 5:00 PM (Beijing Time) on September 19, 2026. The link will open at 12:00 AM (Beijing Time) on June 1, 2026.

2. Competition Schedule

2.1 File Download

•*From 8:00 AM (Beijing Time) on September 22, 2026*, team leaders may use the "Download and Upload Link" sent via email to download an encrypted compressed file containing the International Track problem.

2.2 Password Release

•*At 8:00 AM (Beijing Time) on September 23, 2026*, At 8:00 AM (Beijing Time) on September 23, 2026, the password to decrypt the file will be accessible through the same link, marking the official start of the competition.

2.3 Competition Deadline

•*On September 27, 2026*, The competition concludes.

3. Submission of Solutions

3.1 Format Requirements

Each team must write the solution paper in English and follow the "Standard Competition Paper Format." The final paper must be submitted as a PDF file.

3.2 Upload Deadline

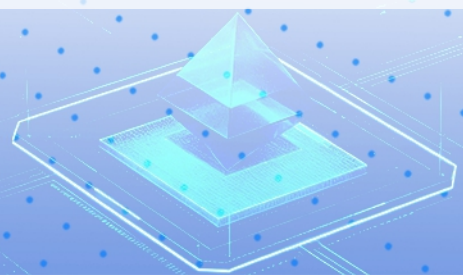
The paper must be uploaded via the "Download and Upload Link" by 12:00 PM (Beijing Time) on September 27, 2026, in compliance with the problem specifications.

4. Competition Rules

During the competition, the supervising teachers shall not engage in any form of discussion on the competition topics with the participating students; the participating teams shall not discuss the content of the competition topics with anyone outside the team (including online). The graduate student training units shall strive to provide the necessary conditions for the team members to participate in the competition and supervise the team members to abide by the competition rules.

5. Violation handling

Participants must adhere to scientific ethics and academic norms, and must clearly indicate the sources of any literature cited. The competition's expert committee will



conduct similarity detection on all papers. If the similarity exceeds a certain threshold (determined by the expert committee), the paper will generally be deemed as "non-compliant" and will undergo manual judgment if necessary. The use of others' programs must also be clearly marked with the source, otherwise it will be considered as "plagiarism" and the paper will be deemed as "non-compliant". The organizing committee will seriously handle any violations by participating students, disqualifying them from receiving awards (including the successful participation award). For those with severe violations, the results will be reported to their respective training units.

IV. Awards

1. Award Tiers

Submissions to the International Track will be evaluated separately from those submitted to the Domestic Track. The following awards will be conferred:

- **First Prize** – to be awarded to a proportion of teams based on final evaluation results
- **Second Prize** – to be awarded to a proportion of teams based on final evaluation results
- **Third Prize** – to be awarded to a proportion of teams based on final evaluation results

2. Sponsor Award

Teams awarded First Prize in the International Track, as determined by the Review Committee, will receive a monetary prize sponsored by the designated company. The specific amount will be announced in the second-round notice.

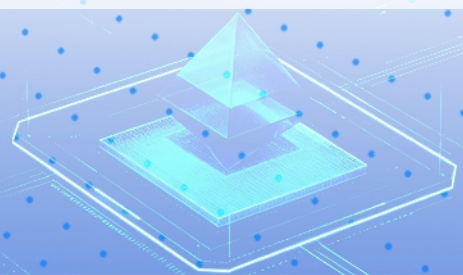
3. Certificate of Completion

All participating teams that successfully complete the competition with valid submissions, as verified through the review process, will receive a Certificate of Completion.

V. "Math Modeling Star" Global Final Defense and Prizes

1. "Math Modeling Star" Global Final Defense

Outstanding award-winning teams from the International Track will be selected by the Review Committee to advance to the "Math Modeling Star" Global Final Defense. There, they will compete alongside top teams from the Chinese Domestic Track prior to the award ceremony.



2. Defense Prizes

2.1 Top Three Prizes

The top three teams in the Global Final Defense will be awarded the titles of Champion, First Runner-Up, and Second Runner-Up, with monetary prizes of RMB 50,000, RMB 30,000, and RMB 20,000 per team, respectively.

2.2 Nomination Award

All other participating teams will receive the "Math Modeling Star" Nomination Award, along with a monetary prize of RMB 10,000 per team.

2.3 UASR Summer or Winter Camp

International Track teams that qualify for the "Math Modeling Star" Global Final Defense will also be invited to join the "University Alliance of the Silk Road Summer (Winter) Camp" held during the same period, with accommodation costs in Xi'an covered. Further details will be provided in a separate notice.

VI. Results Announcement and Award Ceremony

The on-site final defense of the "Math Modeling Star" competition and the award ceremony will take place in early to mid-December at Xi'an Jiaotong University.

VII. Contact Us

1. Guiding Authority

China Postgraduate Mathematical Contest in Modeling Organizing Committee

Mr. Xi: gscpc3@seu.edu.cn

2. Executive Committee

Xi'an Jiaotong University Organizing Committee

Chen Lei: xjtusxjm2026@163.com

Yang Xiao: uasr@xjtu.edu.cn

Note: The Organizing Committee of the China Postgraduate Mathematical Contest in Modeling and the Secretariat of the University Alliance of the Silk Road (Xi'an Jiaotong University) reserve the right of final interpretation of the above provisions.

