



Contemporary Undergraduate  
Mathematical Contest in Modeling

**September 07-10, 2023**

**CUMCM**

**2 0 2 3**

<http://en.mcm.edu.cn>

Organizer: CSIAM

(China Society for Industrial and Applied Mathematics)

## Introduction

CUMCM (The Contemporary Undergraduate Mathematical Contest in Modeling) is an annual contest for undergraduates all over the world, organized by CSIAM (China Society for Industrial and Applied Mathematics). It has been held annually since 1992. In the last year, 54257 teams from over 1600 institutions participated in the contest.

In the contest, three students (it does not matter they are from majors in mathematics or from non-mathematical fields, **but they must be from the same institution / university**) advised by at most one teacher form a team. The team's task is to develop mathematical and / or computer models to solve a simplified real-word problem in engineering, management, etc. During the three contest days (about 72 hours), the students can use any references or materials they can find (including the materials on the INTERNET), but discussions with the advisor or out-of-team members are forbidden. The aim of the contest is to improve students' understanding of mathematics, especially mathematical modeling and mathematical software, and to enhance students' motivation for studying mathematics and to cultivate students' creativity and overall ability.

## Registration

The contest is organized every year. CUMCM-2023 will start at 6:00PM, 07 September 2023 and end at 8:00PM, 10 September 2023 (Beijing Time).

Please register through the website <http://en.mcm.edu.cn> before **6:00PM, 06 September, 2023** (Beijing Time).

**Note:** The information in this document is only valid for the participants from regions other than mainland China, HK SAR and Macao SAR, and for these participants, their registration fee will be waived off. For the participants from mainland China, HK SAR and Macao SAR, please follow the guidelines in the website <http://www.mcm.edu.cn>.

## Problems and Sample Solutions

Please visit the website <http://en.mcm.edu.cn> for previous contest problems, together with some sample solution papers.

## Inquiries

If you have any questions concerning the contest or registration process, please visit the website <http://en.mcm.edu.cn>, or contact:

cumcm@csiam.org.cn or LHY@csiam.org.cn

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