# Contemporary Undergraduate Mathematical Contest in Modeling

## September 13-16, 2018

# CUMCM

## 2018

### 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 year of 2017, 36375 teams from over 1400 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 or university**) advised by at most one teacher form a team. The team's task is to develop in three days mathematical and/or computer models to solve a simplified real-word problem in engineering, management, etc. During the contest days (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-2018 will start at 8:00PM, 13 September 2018 and end at 8:00 PM 16, September 2018 (Beijing Time).

For the participants from regions other than mainland China and Macao SAR, their registration fee will be waived off. Please register through the website **http://en.mcm.edu.cn** before **8:00PM, 10 September**, 2018 (Beijing Time).

# 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:

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