

2021 美赛系统操作与论文提交指南

SJTU 数学建模培训营

● MCM/ICM2021 比赛日期和时间：

1. 比赛开始：北京时间 2021 年 2 月 5 日，凌晨 6：00 点，星期五
2. 比赛结束：北京时间：2021 年 2 月 9 日，早上 9：00，星期二
3. 提交方案截止日期：北京时间：2021 年 2 月 9 日，早上 10：00，星期二
4. 比赛结果：结果将于 2021 年 4 月 30 日或之前发布

● 简要步骤说明：

1. 赛中：完成赛时选题问卷 <https://www.wjx.top/vj/Q8kpAmi.aspx>
2. 赛中：完成 COMAP 流程 <http://www.comap.com/undergraduate/contests/>
3. 比赛截止时：完成论文寄送，将参赛论文发送给 solutions@comap.com
4. 比赛结束后：完成 ANL 数模网站的备份，将参赛论文和 Source 资料打包上传到 <http://anl.sjtu.edu.cn/mcm>

● 联系人：

如果有任何问题，请联系以下同学：

陈升华|微信：ie1even|QQ：1832498935

蔡自强|微信：Jamie_czq|QQ：472906523

李之尧|微信：PATRICKkk_LI|QQ：524269915

以下介绍四步详细流程。

1. 完成赛时选题问卷

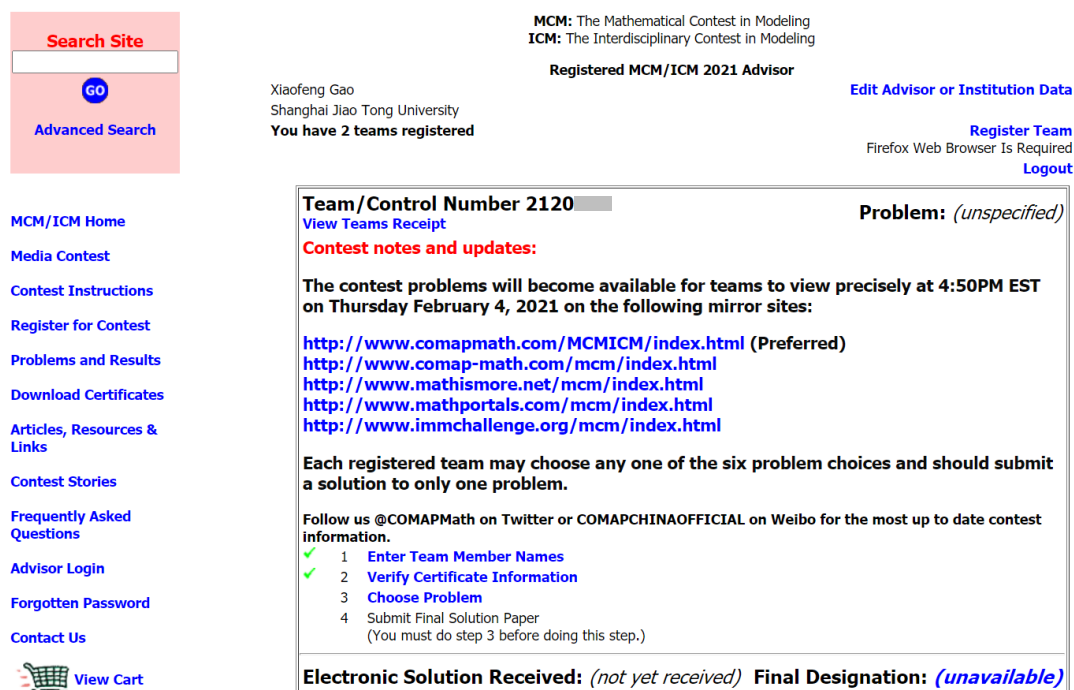
请填写赛时选题问卷调查，方便老师及时管理并宏观调控，问卷网址：

<https://www.wjx.top/vj/Q8kpAmi.aspx>

注意：选题不存在题目限制，所有参赛队伍都可以选择六道题的任意一道。

2. COMAP 网站赛中操作步骤

第 1 步：【登录】进入美赛官网，输入账号密码登录。登录地址：<http://www.comap.com/undergraduate/contests/mcm/login.php>。登录后界面如下，所有操作都需要从这里开始。



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Problems and Results

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Contest Stories

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MCM: The Mathematical Contest in Modeling
ICM: The Interdisciplinary Contest in Modeling

Registered MCM/ICM 2021 Advisor

Edit Advisor or Institution Data

Register Team

Firefox Web Browser Is Required

Logout

Team/Control Number 2120

View Teams Receipt

Problem: (unspecified)

Contest notes and updates:

The contest problems will become available for teams to view precisely at 4:50PM EST on Thursday February 4, 2021 on the following mirror sites:

<http://www.comapmath.com/MCMICM/index.html> (Preferred)
<http://www.comap-math.com/mcm/index.html>
<http://www.mathismore.net/mcm/index.html>
<http://www.mathportals.com/mcm/index.html>
<http://www.immchallenge.org/mcm/index.html>

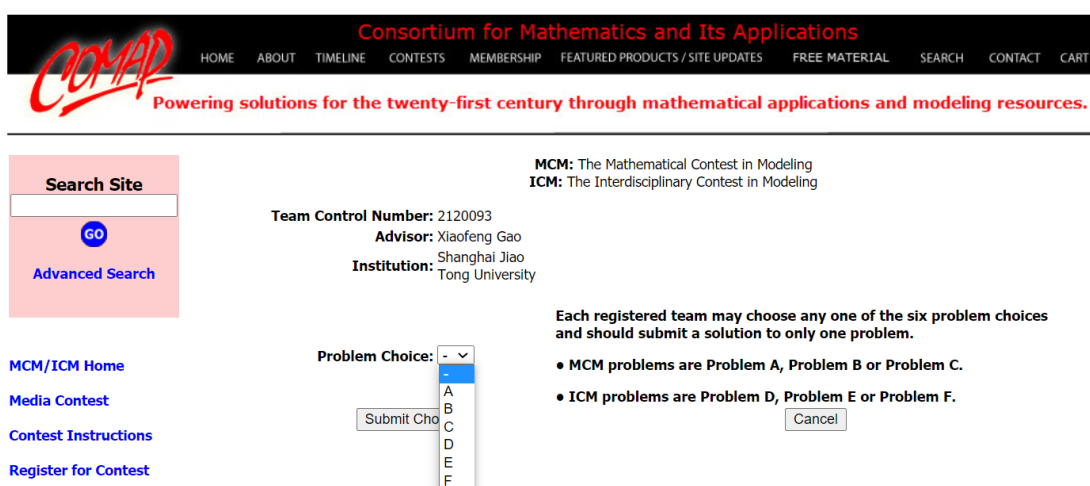
Each registered team may choose any one of the six problem choices and should submit a solution to only one problem.

Follow us @COMAPMath on Twitter or COMAPCHINAOFFICIAL on Weibo for the most up to date contest information.

1 Enter Team Member Names
2 Verify Certificate Information
3 Choose Problem
4 Submit Final Solution Paper
(You must do step 3 before doing this step.)

Electronic Solution Received: (not yet received) Final Designation: (unavailable)

第 2 步：【网上选题】在自己队伍确定题目后，点击“Choose Problem”选题，ABCDEF 六道题任选一题，然后点击“Submit Choice”。



COMAP Consortium for Mathematics and Its Applications

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Powering solutions for the twenty-first century through mathematical applications and modeling resources.

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Team Control Number: 2120093

Advisor: Xiaofeng Gao

Institution: Shanghai Jiao Tong University

Problem Choice: C

Submit Choice

Cancel


Each registered team may choose any one of the six problem choices and should submit a solution to only one problem.

- MCM problems are Problem A, Problem B or Problem C.
- ICM problems are Problem D, Problem E or Problem F.

此时页面应该有三个绿勾，并且在队伍的右上角有所选择 Problem 的编号，如下图选择了 C 题以后的示例。注意：这一步可以反复更改，选错了可以再点击第三步更改一次。

Team/Control Number 2120093 View Teams Receipt Contest notes and updates: <p>The contest problems will become available for teams to view precisely at 4:50PM EST on Thursday February 4, 2021 on the following mirror sites:</p> <p> http://www.comapmath.com/MCMICM/index.html (Preferred) http://www.comap-math.com/mcm/index.html http://www.mathismore.net/mcm/index.html http://www.mathportals.com/mcm/index.html http://www.immchallenge.org/mcm/index.html </p> <p>Each registered team may choose any one of the six problem choices and should submit a solution to only one problem.</p> <p>Follow us @COMAPMath on Twitter or COMAPCHINAOFFICIAL on Weibo for the most up to date contest information.</p> <ul style="list-style-type: none"> ✓ 1 Enter Team Member Names ✓ 2 Verify Certificate Information ✓ 3 Choose Problem 4 Submit Final Solution Paper 	Problem: C
Electronic Solution Received: <i>(not yet received)</i> Final Designation: <i>(unavailable)</i>	

第3步:【网上确认提交】点击“Submit Final Solution Paper”, 然后点击“Solution Submitted”, 然后回到步骤1中页面, 检查 Enter Team Member Names、Verify Certificate Information、Choose Problem、Submit Final Solution Paper 4个步骤前是否有绿色对勾。如果都打√了, COMAP 步骤就完成了。注意: 如果重新选题, 那么要重新点击“网上确认提交”, 保证有四个对钩。

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<div> <input type="text" value="Search Site"/> <input type="button" value="GO"/> Advanced Search </div>	<p>MCM: The Mathematical Contest in Modeling ICM: The Interdisciplinary Contest in Modeling</p> <p>To submit your team's solution, please be sure that you have</p> <ul style="list-style-type: none"> Teams (Student or Advisor) are required to submit an electronic copy (summary sheet and solution) of their solution paper by email too solutions@comap.com as an Adobe PDF attachment. Your email MUST be received at COMAP by the email submission deadline of 9:00 PM EST, February 8, 2021. Your team's summary should be included as the first page of your file. *Note: The attachment must be less than 17MB. !Do not use a cloud service such as Google Docs your email must contain an Adobe PDF attachment. You are no longer required to submit a team Control Sheet. Follow us @COMAPMath on Twitter or COMAPCHINAOFFICIAL on Weibo for the most up to date contest information. <p>When you have emailed your solution paper, click Solution Submitted below.</p> <p> <input type="button" value="Solution Submitted"/> <input type="button" value="Cancel"/> </p>
MCM/ICM Home Media Contest Contest Instructions Register for Contest	

Team/Control Number 2120093 View Teams Receipt Contest notes and updates: <p>The contest problems will become available for teams to view precisely at 4:50PM EST on Thursday February 4, 2021 on the following mirror sites:</p> <p> http://www.comapmath.com/MCMICM/index.html (Preferred) http://www.comap-math.com/mcm/index.html http://www.mathismore.net/mcm/index.html http://www.mathportals.com/mcm/index.html http://www.immchallenge.org/mcm/index.html </p> <p>Each registered team may choose any one of the six problem choices and should submit a solution to only one problem.</p> <p>Follow us @COMAPMath on Twitter or COMAPCHINAOFFICIAL on Weibo for the most up to date contest information.</p> <p>Congratulations! Team 2120093 has completed all the steps for competing in MCM/ICM 2021. You no longer need to submit a team control sheet.</p> <ul style="list-style-type: none"> ✓ 1 Enter Team Member Names ✓ 2 Verify Certificate Information ✓ 3 Choose Problem ✓ 4 Submit Final Solution Paper 	Problem: C
Electronic Solution Received: <i>(not yet received)</i> Final Designation: <i>(unavailable)</i>	

补充说明：虽然 COMAP 上说要等到提交了论文之后再点击第四个 ✓，但实际上在选题的时候就可以完成了，真正的论文是通过邮件形式寄送的，和 COMAP 网页操作没有关系。为了避免同学们提交完论文之后忘记这个打钩而导致提交失败的风险，现在就完成四步比较好。

此外，在这个截图上大家也可以看到最低部的 Electronic Solution Received 这个提示，等正式论文提交以后 24~48 小时，这个地方就会显示 Received。如果没有，请赶紧检查邮箱，并给 mcm@comap.com 写邮件询问。

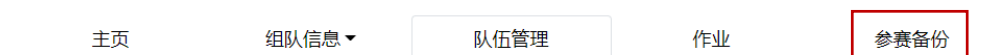
3. 参赛论文邮件提交

完成论文后，请将 PDF 电子论文提交至邮箱：solutions@comap.com，任何队员都可以提交，使用邮箱不做限制。

- 1) 提交论文截止日期为北京时间 2021 年 2 月 9 日早上 10: 00。强烈建议提前发送邮件，以免由于网络拥堵等原因产生延迟！
- 2) 电子邮件的主题必须为团队的控制号。例如：2012345.pdf。请尽量不要多次发送试卷。在发送时最好点选“Delivery Notification”，保证你的邮件成功送达。注意：请务必确保邮件发送成功！
- 3) 再次提醒：论文 PDF 文档必须小于 17MB，全部论文不超过 25 页。字号要求 12pt，没有页边距和其他要求。
- 4) 论文 PDF 首页为摘要页(Summary Sheet)，需要作为电子论文的第一页，与论文合为一个文档一起提交（Latex 模板可以自动实现这个功能）。
- 5) 最终论文为 pdf 文件（不能是 zip 或者 rar 的压缩文件格式），只需要邮件提交电子论文，无需支撑材料。（如果特别想附加程序或者其他内容，可以加在正文后的附录里）。
- 6) 学生、导师或机构的名称不允许出现在论文的任何页面上。

4. 校内网站备份

1. 参赛结束后，请队长登录培训营官网 <http://anl.sjtu.edu.cn/mcm/>，点击进入本次比赛，然后点击“参赛备份”标签页备份参加本次比赛的所有资料。



2. 请点选队伍参赛题目并简述理由。
3. 请上传 2 份文档，一个参赛的 PDF 文档，命名为“MCM2021 题目-七位队号.pdf”，如“MCM2021A-2021010.pdf”，一个试卷相关的源文件打包，命名为“MCM2021 题目-七位队号-论文源文件.zip”（源文件即 latex source、图片 source、数据和参考文献等（包括 pdf 论文、代码、LaTeX、数据等））。