

3RD



INNOVATION AND TECHNOLOGY IN THE
INTERCONNECTED SMART CITY

科創連城

MACAO JOINT SCHOOL

SCIENCE EXHIBITION

PREPARATION COMMITTEE

第三屆澳門聯校科學展覽籌備委員會

比賽章程

Constitution

比賽資料及規則

目的：

提升大眾對科學的興趣並加強科學技術的重視，促進澳門本地與京灣區的融合發展，並鼓勵本地學校合作以至推廣國際文化及學術交流。

主題：

科創連城

21 世紀我們已經步入科技引領社會發展潮流的時代，衣食住行與科技可說是密不可分。一座城市仰賴科技拉起無形的神經網絡，推動智慧城市，而智慧城市建設是緊緊圍繞“人”這一核心主線，從而發展其六大架構。借助雲計算、科技等技術深入細緻地為市民提供更精准的公共服務、為城市可持續發展提供更多科技產物、為國家創新發展戰略得以驅動及聯合。

有鑒於此，第三屆聯校科學展覽籌備委員會訂立本屆的主題為「科創連城」，鼓勵同學們以智慧城市為基本架構尋找靈感，發揮自己的想像力和創造力，並以提高人民生活效率和生活水準及幫助到產業發展為切入點，加以運用科學的知識進行創作，從而促進科技的交流和發展，更好地造福人類同時為打造國際科技創新中心出一分力。

口號：

智匯科技聯九州，慧成創新結海樓

參賽資格：

2021-2022 學年就讀本澳中學初一至高二學生均可參賽，比賽分為初中組（初一至初三）及高中組（高一至高二），每隊由二至四位同校學生組成，並需由一名同校指導老師負責指導研究。

*同一位學生不可同時參加多於一隊

*一位老師可同時指導多隊同校隊伍

流程：

日期	內容
2021 年 9 月 13 日	開始報名、提交計劃書及影片
2021 年 11 月 30 日	截止報名
2021 年 12 月 17 日	截止提交計劃書及影片
2022 年 1 月 17 日	公佈計劃書設計及比賽入圍名單
2022 年 2 月	展品負責人講解會暨頒獎禮
2022 年 1 月 至 10 月	入圍組別製作展品
2022 年 10 月上旬	展出展品及答辯大會/ 公佈比賽成績及頒發獎項

參加線上計劃
書設計比賽



入圍組別製作
展品



參加線下第三
屆聯科展

參賽方法：

請於 2021 年 11 月 30 日（星期二）或之前於 <http://www.mjsse.org/> 註冊帳戶並填寫報名資料，並於 2021 年 12 月 17 日（星期五）或之前遞交計劃書及影片連結。

計劃書標題格式：學校名稱_計劃書名稱_計劃書（PDF 檔形式）

YouTube 影片標題格式：學校名稱_計劃書名稱（影片需設為「不公開」上傳）

**主辦方有權拒收命名錯誤的檔案*

參賽規則：

1. 每隊參賽組別需遞交展品計劃書一份及計劃書介紹影片一段（影片長度為 1-2 分鐘）。需把影片上載到網上平台並附上連結於報名網站的「影片連結」欄內（見附件一）；
2. 參賽組別可於本會網站參考「評分標準」自由創作計劃書；
3. 參賽報告以文字作品為主，中文或英文皆可；
4. 參賽報告必須為原創作品，主辦機構不接受參與過任何其他比賽提交之報告（作品名稱及內容都必須為原創，遞交之報告不應參與過任何比賽，該份報告遞交後亦不能用其參與其他比賽）；若收到任何申訴，本會將交由獨立的評審委員會作決策；
5. 所有作品必須由參賽學生親手制作；
6. 所有參賽組別必須於 2021 年 12 月 17 日或之前遞交計劃書及影片，遲交或欠交者視作放棄參賽，主辦方有權取消其參賽資格；
7. 主辦方會於 2022 年 1 月 17 日通過本會網站、Facebook Page 及 Instagram 公佈入圍名單，入圍組別需製作出展品，並於 2022 年 10 月在澳門聯校科學展覽展出展品；
8. 入圍組別可以在隊伍計劃書的基礎上，再作優化或調整；
9. 入圍組別需參加 2022 年 10 月舉行的第三屆澳門聯校科學展覽答辯大會，並與「北京地區數學建模聯校活動」勝出組別進行交流，最終評判會選出優秀作品得獎，於澳門聯校科學展覽公佈比賽成績；
10. 主辦機構有權隨時修改以上規定，毋須事先公佈；
11. 作品版權（包括所有形式）歸主辦單位擁有；
12. 主辦機構有權拒絕任何報告參賽或取消其參賽資格。如有任何爭議，將由評審委員會作最後決定；
13. 中文及英文的資料有任何偏差，所有規則以中文版本為準。

評審：

評審將由一眾專業人員所組成。

獎項：

1. 本次計劃書設計比賽的初中及高中組均設立「傑出項目獎金、銀、銅獎」、「最具創新性獎」、「最具實用性獎」、「最具可行性獎」及「最具科學技術含量獎」；
2. 澳門聯校科學展覽初中及高中組均設立冠、亞、季軍，另設「我最喜愛項目獎」及「我最欣賞項目獎」兩個人氣獎；
3. 每位參賽同學將獲授嘉許證書乙張，以示鼓勵。

查詢：

如有任何查詢，請到澳門聯校科學展覽 Facebook Page: Macao Joint School Science Exhibition Preparation Committee 或 Instagram: mjssepc 查看，亦可致電 +853 6528 0997 或以電郵至 mjsse3@courseday.org 與本次活動負責人展品事務部部長許詠晴聯絡。

附件一：報名、上載計劃書及影片流程

<p>第一步</p>	 <p>於 http://www.mjsse.org/ 註冊一個帳戶作報名及遞交計劃書之用。(注意：一個帳戶只可以遞交一份計劃書)</p>
<p>第二步</p>	 <p>選擇澳門賽區。</p>

第三步



比賽規則 / RULES

[比賽規則.PDF ↓](#)

報名日期: 2021/09/02 - 2021/11/30

交件日期: 2021/10/01 - 2021/12/17

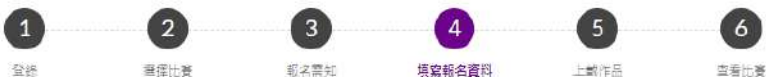
評審日期: 2021/12/20 - 2022/01/13

結果公佈: 2022/01/17

[下一步 >](#)

閱讀比賽細則。

第四步



隊伍資料

用戶名稱:

tes1

比賽:

澳門聯校展第二屆-澳門區

學校名稱:

隊伍名稱:

指導老師

中文全名 FULL NAME IN CHINESE:

聯絡電話 TELEPHONE NO.:

+853-12345678

成員名單

[更多成員](#)

[隊員]成員

中文全名 FULL NAME IN CHINESE:

陳大文

英文全名 FULL NAME IN ENGLISH:

CHAN DA MEN

年齡 AGE:

15

相片 PHOTO:



性別 GENDER:

男

女

出生日期 DATE OF BIRTH:

2000-10-30

就讀年級 GRADE:

F4

電子郵件地址 EMAIL ADDRESS:

微信 WECHAT ID:

聯絡電話 TELEPHONE NO.:

+853-12345678

[DELETE](#)

填寫報名資料並提交（注意：報名截止日期為 11 月 30 日；報名資料遞交後將無法更改）。

第五步

1 登錄 2 選擇比賽 3 報名需知 4 填寫報名資料 5 上載作品 6 查看比賽

計劃書名稱:

YOUTUBE影片連結:

計劃書簡介(100字以內):

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← → Paragraph **B** *I* [List icons] [Link icon]

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計劃書PDF:
 PDF 文件

本人知悉及授權主辦機構於公開文件、網站等公佈參賽、得獎者姓名等個人資料

填上計劃書名稱、影片 YouTube 連結及 100 字以內的計劃書簡介，上載計劃書 pdf 檔，完成後點擊「提交」，你的報名及遞交流程便完成。

Information Regulations

Objective:

MJSSE Proposal Competition aims to increase Macao students' interest of science and attract public attention to science and technology. Besides, the competition promotes the integrated development between Macao, Beijing and the Greater Bay Area. In addition, the event provides a platform encouraging cooperation among local schools as well as a boost to international cultural and academic exchanges.

Theme:

Innovation and Technology in the Interconnected Smart City

In the 21st century, we have entered the era of the trend of developing scientific and technological social life. Food, clothing, transportation and technology are inseparable. Technology becomes the nervous system of the city, and promote the development of smart city. The main idea of smart city is to give humans a better life. Technology gives citizens more specific public services, produces more products for the sustainable development of the city, and promote the plan of country creativity development.

Therefore, The Third Macao Joint School Science Exhibition decided to use the title "The link for technology and city". Students are invited to seek inspiration with the goal of smart cities. Using their imagination and creativity, and to improve the efficiency of people's life, living standards and industry development as the entry point. Making good use of science knowledge to create in order to promote the communication and development of technology. Benefitting mankind and make an effort for the international technology creativity center.

Slogan:

Wise technology unites the world, wise innovation unites the crowd.

Eligibility:

The competition is open to all students from Secondary 1 to 5 in the 2021-2022 school year. The competition is divided into Middle School Group (Secondary 1 to Secondary 3) and High School Group (Secondary 4 to Secondary 5). Each entrant should be composed of 2-4 students from the same school working under the guidance of 1 teacher.

** The same student may not join more than one team at a time.*

** One teacher can direct multiple school teams at the same time.*

Process:

Date	Events
13 September 2021	Acceptance of application, submission of proposal and video
30 November 2021	Deadline of application
17 December 2021	Deadline of submission of proposal and video
17 January 2022	Announcement of the results of the Proposal Competition
February 2022	Proposal Designing Competition Award ceremony
January 2022 to October 2022	Production of exhibits
Early October 2022	Exhibits on display and Answering Session / Announcement of Competition results and Issue of award



Submission:

You may register your account and fill in your application form at <http://www.mjsse.org/> on or before 30 November 2021 (Tuesday). Submit your proposal and YouTube video link on or before 17 December 2021 (Friday).

Proposal title format: School name_Name of proposal_Proposal (PDF file)

YouTube video title format: School name_Name of proposal (“Unlisted” form)

**The organizer reserves the right to reject files that are named incorrectly.*

Regulations:

1. Each entrant is required to submit a proposal introduction video of 1 to 2 minutes in length. Please upload the video to YouTube and attach the link in the registration website (See Appendix I).
2. Participants can freely create their proposals with reference to the “Marking Guidelines” uploaded on our website.
3. The proposal should be written in either Chinese or English.
4. Only original work will be accepted. The organizer do not accept any proposal, video or exhibits that are used to attend any other competition before. The work which the participants submitted to MJSSE should also not be used to attend any other competition. If any complain is received, the organizer will deliver the complain to our separate Adjudication Panel.
5. Only the participants should be involved in the preparation of the proposal.
6. All participants should submit their proposal and video on or before 17 December 2021. The organizer reserves the right to cancel the qualification of the late submission or defaults.
7. The results of the Proposal Competition will be announced on 17 January 2022 via our website, Facebook Page and Instagram. Selected groups are required to produce their exhibits and displayed them at the Joint School Science Exhibition in October 2022.
8. The selected groups can optimize or adjust based on their own proposal.
9. The selected groups should attend the 3rd Macao Joint School Science Exhibition and Answering Session held in October 2022 and exchange ideas with the winning groups of the “Beijing District Joint School Mathematical Modeling Contest”. The adjudicator panel will select outstanding exhibits to win the prizes. The results of the competition will be announced at the Joint School Science Exhibition.
10. All rules and regulations are subject to amendment without prior notice.
11. The copyright (including all forms) of the work belongs to the organizer.
12. The organizer reserves the right to reject or disqualify any entries. Should there be any disputes, the decision of the adjudicator panel should be final.
13. In case of any discrepancies between the information provided in English and Chinese, the Chinese version should be used for reference.

Adjudication:

The adjudicator team will consist of a group of professionals.

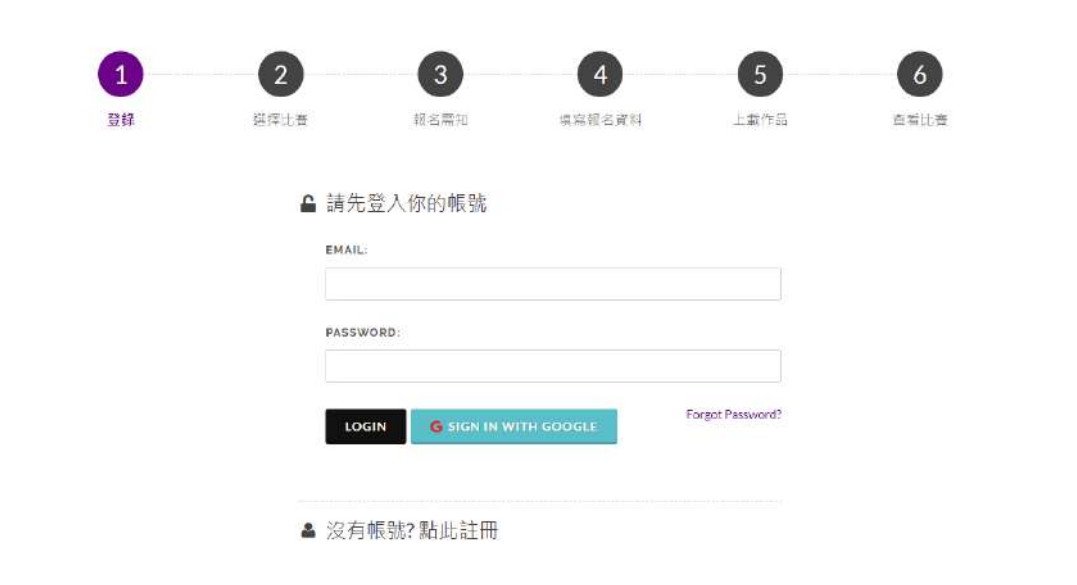

Prizes:

1. The Middle School and High school Group of this Proposal Competition will be set up "Outstanding Project Award" (including gold, silver and bronze awards), "Most Innovative Award", "Most Practical Award", "Most Feasibility Award" and "Most Scientific and Technological Award";
2. The champion, first runner-up and second runner-up of both Middle School and High school Group will be set up in the MJSSE. In addition, a "My Favourite Project" award and a "Most Appreciated Project" award will be established;
3. Each entrant will receive a Certificate of Participation as an acknowledgement of their efforts.

Further enquiries:

For any enquiries, please visit the Facebook page of the Macao Joint School Science Exhibition: Macao Joint School Science Exhibition Preparation Committee and Instagram: mjssepc or email to mjsse3@courseday.org or contact Miss Olivia Hoi, Director of Project Affairs Department, at +853 6528 0997.

Appendix I : Registration, proposal and video link upload process:

<p>Step 1</p>	 <p>Sign up an account at http://www.mjsse.org/ for registration and proposal upload use. (Note: Only ONE proposal can be submitted per account.)</p>
<p>Step 2</p>	 <p>Select the appropriate zone.</p>

Step 3



比賽規則 / RULES

[比賽規則.PDF↓](#)

報名日期: 2021/09/02 - 2021/11/30

文件日期: 2021/10/01 - 2021/12/17

評審日期: 2021/12/20 - 2022/01/13

結果公佈: 2022/01/17

[下一歩](#)

Read the rules of the Proposal Competition.

Step 4



隊伍資料

帳戶名稱:
 比賽:
 學校名稱:
 隊伍名稱:

指導老師

中文全名 FULL NAME IN CHINESE:
 聯絡電話 TELEPHONE NO.:

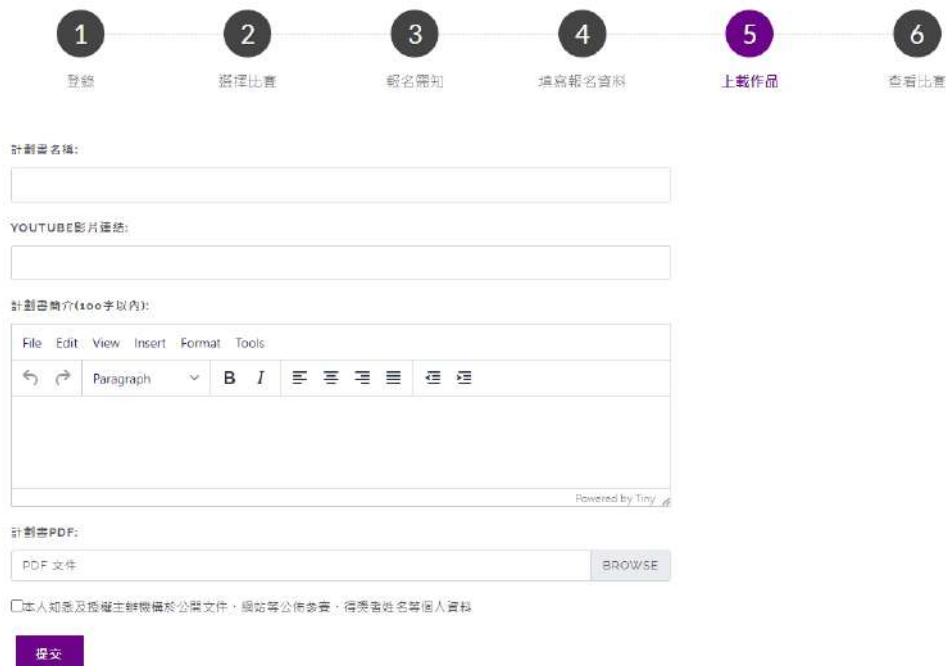
成員名單

[更多成員](#)

[隊長]成員
 中文全名 FULL NAME IN CHINESE:
 英文全名 FULL NAME IN ENGLISH:
 年齡 AGE: 相片 PHOTO: 
 性別 GENDER: 男 女
 出生日期 DATE OF BIRTH:
 就讀年級 GRADE:
 電子郵件地址 EMAIL ADDRESS:
 微信 WECHAT ID:
 聯絡電話 TELEPHONE NO.:

Fill in the participant's information. (Note: The deadline for the registration is 30 November 2021, where the information cannot be changed after submission.)

Step 5



1 登錄 2 選擇比賽 3 報名需知 4 填寫報名資料 5 上傳作品 6 查看比賽

計劃書名稱:

YOUTUBE影片連結:

計劃書簡介(100字以內):

File Edit View Insert Format Tools
Paragraph B I [List icons]

計劃書PDF:
PDF 文件

本人知悉及授權主辦機構將公開文件，網站等公佈參賽，得獎者姓名等個人資料

Fill in the proposal name, video link which is uploaded on YouTube, and a short introduction in no more than 100 words, you are required to submit the proposal in pdf form. Press “Submit” after you have completed all the steps, and your registration and submission process is complete.