



澳門理工大學
Universidade Politécnica de Macau
Macao Polytechnic University

Rules and Regulations for “The 18th Macao-wide IT Competition – Artificial Intelligence Creation and 3D Programming Contest”

Objective

The main objective of this competition is to promote the application of information technology (IT) and artificial intelligence (AI) skill among residents of Macao. This aligns with the Macao Special Administrative Region (SAR) government's "1+4" strategy for moderate economic diversification. The competition aims to cultivate interdisciplinary high-tech talent, thereby enhancing the development of IT and AI skill in Macao and increasing the reserve of high-tech talent in the region.

Theme

Smart Health: AI for Healthy Living

Eligibility

The 18th Macao-wide I.T. competition is open to the following three categories:

- **AI Creation Category A (short video): All Macao residents born in 2010 or earlier**, as well as students attending universities/higher education institutions in Macao. Each participating team in this category must comprise of 2 to 3 members.
- **AI Creation Category B (storyboard): All secondary school students in Macao born in 2010 or later**. Each team (2 to 3 members) in this category may have a secondary school teacher as its mentor (optional). Members and mentor of a team must be from the same school. A mentor can assist no more than 5 teams. A mentor can assist the team with the technical aspects of the competition but the creative aspects should be the work of the students.
- **3D Programming Category: All secondary school students in Macao born in 2010 or later**. Each team (2 to 3 members) in this category may have a secondary school teacher as its mentor (optional). Members and mentor of a team must be from the same school. A mentor can assist no more than 5 teams. A mentor can assist the team with the technical aspects of the competition but the creative aspects should be the work of the students.
- Macao ID cards, valid Student or Teacher ID cards are required for verification of eligibility.
- Each team member can only participate in one team.

Competition Format

- **AI Creation Category A (short video)**
 - The participating teams are required to create a short story based on the theme and submit a short video lasting 2 to 4 minutes. Contestants are required to use AI image and video generation tools to produce the main content of the video, and provide a brief text description or dialogue for each frame to enhance the narrative effect. They may perform minor post-production editing, such as cutting, collage, dubbing, background music, or subtitles. All videos, images and text descriptions must be original and created specifically for this competition.
 - Marks will be deducted if the play time is outside this range.
- **AI Creation Category B (storyboard)**
 - The participating teams are required to create a short story based on the theme and submit a storyboard consisting of 2 to 5 pages. Contestants are required to use AI image generation tools to produce the images for the storyboard, and provide a brief text description or dialogue for each frame to enhance the narrative effect. Participants may use any generative AI tools and can make minor post-production edits to the generated images, such as cutting and collaging. All images and text descriptions must be original and created specifically for this competition.
 - Marks will be deducted if the storyboard page number is outside this range.
- **3D Programming Category**
 - The participating teams are required to use Alice 3.x * (3.7 or above) programming world to create an animation related to the theme. The play time of the animation should be within 1 to 3 minutes.
 - Marks will be deducted if the play time is outside this range.
 - This product includes software developed by Carnegie Mellon University.

Registration

- Participating teams are to complete a registration form at <http://osf.mpu.edu.mo/ITC> by 25 January 2026, 23:59.
- Late entries will not be entertained. Acknowledgements of receipt will be sent via email.

Submission

Participants must submit the following files on the website provided by the organizer by 26 April 2026, 23:59.

- **AI Creation Category A (short video)**
 - A short video lasting 2 to 4 minutes in mp4 format, recommended aspect ratio 16:9, recommended resolution 720p or 1080p.
 - A documentation file (in docx format), which includes a Declaration of Original Work. Please sign it digitally. Template will be provided by the organizer.

Participants are required to provide a detailed description of the AI video and image generation process in the document, including the tools used, the prompts for generating the main characters and scenes, as well as any post-production work done on the generated videos and images.

- An oral presentation video (up to 8 minutes and in mp4 format), which should include introduction, creative ideas, technical difficulties, team work, and playback of the submitted video.
- **AI Creation Category B (storyboard)**
 - A storyboard in pdf format consisting of 2 to 5 pages.
 - A documentation file (in docx format), which includes a Declaration of Original Work. Please sign it digitally. Template will be provided by the organizer. Participants are required to provide a detailed description of the AI image generation process in the document, including the tools used, the prompts for generating the main characters and scenes, as well as any post-production work done on the generated images.
 - An oral presentation video (up to 8 minutes and in mp4 format), which should include introduction, creative ideas, technical difficulties, team work, and the presentation of the storyboard.
- **3D Programming Category**
 - A computer animation file in mp4 format, recommended aspect ratio 16:9, recommended resolution 720p or 1080p.
 - A documentation file (in .docx format), which includes a Declaration of Original Work. Please sign it digitally. Template will be provided by the organizer.
 - An oral presentation video (up to 8 minutes and in mp4 format), which should include introduction, creative ideas, technical difficulties, teamwork, and playback of submitted animation.
 - A compressed (zip or rar) file of the source files of the computer animation. The animation may be produced by a sequence of up to ten Alice a3p files. No post-processing of the captured video (e.g. video or sound editing, subtitle, transition effect) are allowed.
- The short video / animation / storyboard file, documentation and oral presentation video will be provided to the judges for preview and shortlisting purpose.
- The organizer will compare the submitted source files and the animation files. If necessary, the participants in the 3D programming category will be required to demonstrate that their animation file can be generated from the submitted source files before the oral presentation.
- Marks will be deducted for missing files, inappropriate source file submission format, or overtime or undertime animation file.
- Only one submission is allowed for each team.

Oral Presentation

- Before the oral presentation, the judges will preview the submission of all participants. The judges will shortlist the participating teams for the oral presentation.

- Each shortlisted team must make an oral presentation (10 minutes) of the submitted work (the date and rules will be determined). The oral presentation should consist of a presentation (explaining the submitted work), short video playback / storyboard display / animation playback and a Q&A session for the judges.
- All members of the participating teams must participate in the presentation to address possible questions by the judges. 5% of the total marks will be deducted for any team member's absence or lateness. Teams that are absent from or late for the presentation will receive zero marks for the presentation part and no additional presentation time will be given.

Judging Criteria

The judging criteria are as follows:

- (30%) Story telling
(including match of the theme, story completeness, overall idea of the work, etc.)
- (30%) Technical complexity
(including AI creation, 3D effects, programming, etc.)
- (15%) Creativity
(including expression, techniques, multimedia, etc.)
- (10%) Documentation
- (10%) Oral presentation
- (5%) Team work

A panel of judges consisting of experts will judge the submissions based on the criteria set above.

Prizes

AI Creation Category A (short video)

First Prize (1 team):	MOP 12,000 for the team
Second Prize (1 team):	MOP 8,000 for the team
Most Creative Idea Prize (1 team):	MOP 5,000 for the team
Third Prize (3 teams):	MOP 3,000 for the team

AI Creation Category B (storyboard)

First Prize (1 team):	MOP 12,000 for the team and one iPhone 17 Pro Max 512GB (or equivalent product) for the mentor
Second Prize (1 team):	MOP 8,000 for the team and one iPhone 17 Pro Max 512GB (or equivalent product) for the mentor
Most Creative Idea Prize (1 team):	MOP 5,000 for the team and one Apple Watch Series 11 (or equivalent product) for the mentor
Third Prize (3 teams):	MOP 3,000 for the team and one Apple Watch Series 11 (or equivalent product) for the mentor

3D Programming Category

First Prize (1 team):	MOP 12,000 for the team and one iPhone 17 Pro Max 512GB (or equivalent product) for the mentor
Second Prize (1 team):	MOP 8,000 for the team and one iPhone 17 Pro Max 512GB (or equivalent product) for the mentor
Most Creative Idea Prize (1 team):	MOP 5,000 for the team and one Apple Watch Series 11 (or equivalent product) for the mentor

A team will only be awarded at most one prize. Teams with good performance will receive a certificate of **Merit Prize**.

Important Dates

Dates	Events
25 January 2026	Deadline of registration
26 April 2026	Deadline of submission
June 2026	Oral presentation
July 2026	Announcement of winners

Contents of Entries

Any entry which has been determined by the organizer or the judges to be obscene, illegal, unreasonably violent or contrary to any laws, regulations or public policies in Macao will be immediately disqualified.

Intellectual Property Rights

- The submission must be the participants' own original work. A Declaration of Original Work form must be submitted before the oral presentation.
- Each participating team must ensure that their entry does not infringe any copyright or any other intellectual property rights of any other third party in any part of the world.
- All intellectual property rights relating to any entry submitted shall be deemed to be owned by MPU.
- MPU shall have the exclusive right to use any or all of the intellectual property rights relating to any entry in whole or in part for non-commercial publicity without giving any of the participants any remuneration or royalties of any form whatsoever.
- Participants must declare their sources for any imported media (images, sounds and 3D models) not produced and owned by themselves in the submission document.

Other Requirements

- The organizer reserves the right to disqualify any participants who does not comply with the Rules and Regulations.
- The decision of the panel of judges is final. Appeals will not be entertained.
- Under rare circumstances, the organizer reserves the rights to modify the Rules and Regulations for the competition.
- If you have further queries, please contact the organizer through the following email: ITC@mpu.edu.mo