



INTELLIGENT IRONMAN CREATIVITY CONTEST 2023

All the braves are invited to challenge the world-class Intelligent Ironman Creativity Contest. Show their intelligence, innovation, endurance, physical strength, knowledge and willpower in the 72-hour non-stop contest.

Champion team could win the prize of \$7000USD!!!

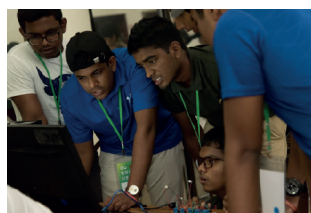
Intelligent Ironman Creativity Contest

Do you want to be a leader and contribute to the world in the future? If the answer is yes, then you should think not only one step ahead, but more creatively. In order to make good ideas realized, you have to prepare yourself with physical strength, leadership, broad knowledge and be adventurous. Now, if you think you are qualified for the features above, come to Taiwan and prove yourself through the competition of the Intelligent Ironman Creativity Contest.

Although this is a hands-on contest, the Intelligent Ironman Creativity Contest adopts the structure of computer role-playing games. With the elements of adventure and innovation; not only Taiwan, but also many other countries, such as Germany, Japan, Korea, Singapore and 10 others have already taken IICC as one of the most important activities every year.

The contest requires students to combine their knowledge, physical strength, hardiness, creativity and teamwork, to fulfill the ultimate requirement of many tasks. The best team among the finalists soon will become the new hero amongst the peers. This is a creative way of utilizing what students have learned at school, making learning more interesting, and will definitely give students a complete distinct experience.

We sincerely invite you to join 17th International Intelligent Ironman Creativity Contest. Along with the students, teachers and media are also welcomed to the contest. Once you take part of the contest, you will love it just as those who had been here before. We will be willing to offer support for preliminary contest and explanatory session in your country.



Be the hero in real life!

Main project: Contestants are required to demonstrate their creative ideas by crafting products that have never been seen before within continuous 72 hours. During this period of time, they will be isolated from outside world as well as from other teams. The main project emphasizes contestant concern on both natural science and humanity.

Contestants start the contest with no money or material. They must challenge various side tasks to earn "virtual money", which is for buying actual materials from "virtual shop". There are three kinds of side tasks – Natural Science, Social Science and Physical Fitness. Team must challenge three kinds of side tasks on balance; therefore, teammates must have different specialties.

The main project product will be evaluated by a committee for its creativity, theme, appearance and functions. To finish the project in such a short time, contestants must make use of what they learn at school, their physical endurance, and good team work skill in order to accomplish their strategies and meet the requirements of the main project within the 72-hour period.

Forming a team and Registration

Students registered in high schools or vocational high schools are eligible for forming a team. It is advised to have teammates of different disciplines.

- A team should have minimum 4 and maximum 6 members.
- Due to the needs of knowledge from natural sciences, social science and other ability such as implementation, creativity, and physical strength, it is recommended that team member should specialize in different aspects. One team stands for each country. For those countries holding the preliminary contest with over 50 teams, one more quota will be given.
- If the number of teams registered exceeds the accommodation limit of the host, countries holding preliminary contest have higher priority. Remaining quota will be given to teams with earliest registration.
- The official language is English.
- Each team may bring one evaluation committee member. There will be 6 evaluation committee seats, which are selected from all international teams.
- Registration: Download forms and instruction from <https://ironman.creativity.edu.tw/Index/en>

Prizes

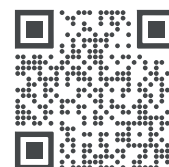
- Champion: NT\$150,000 (approx. 4,600 USD)
 - Second place: NT\$80,000 (approx. 2,500 USD)
 - Third place: NT\$50,000 (approx. 1,500 USD)
 - Best Task Tackler Award: NT\$80,000 (approx. 2,500 USD)
 - Creative Jubilating Award: NT\$10,000 (approx. 310 USD)
- Subject to local tax.



What is the competition?

Intelligent Ironman Creativity Contest is a 72-hour non-stop competition. You have to design and create a real product from your own design. This is the requirement of the main project. You can find all the previous examples at our official website.

Intelligent Ironman Creativity Contest wants you to utilize what you have learned in school creatively, challenging yourself, and weave your own magic.



Past participants

2005-2019 (in alphabetical order)



Previous examples for main project

Rhapsody of a smart detective

A young girl had an accident at home. She is now in an intensive care unit in hospital. Police had put the case under investigation. Rules:

1. There are photos that show the exact conditions of the crime scene. Each team should try to find out what happened from these photos. Use PPT slides to explain what happened, and how to recap the scene from the photos.
2. The recap scene should be as creative as possible. However, proof of the recap should be as logical as possible. (This implies creativity should go along with logic)
3. Team should invent a device to prevent such tragedy.
4. Team should perform a 90 second demonstration WITH the invented device. Team should craft everything necessary for the demonstration.



Imminent

Terrorists have set up a bomb in your house. It is going to explode unless you design a 30 sec timing device to break the circuit.

Rules:

1. A short iron bar sits between two wooden blocks. Both ends of the iron bar are connected to a clock through electric wire. You have to build a device to stop the current, by forcing iron bar to move exactly 30 sec after task master starts the count down. The clock will be stopped when the iron bar is moved.
2. If the clock stop time is not 30s, 5 points will be deducted for every 1 second differential.
3. Try to use material you can find at home to make at least 5 different designs.



Team introduction

Each team perform a one minute jubilation to show their creativity, energy and team work. The top team will receive Creative Jubilation Award.

The Main Project accounts for 96% of the final score.

The score of team jubilating will account for 4% of the final score, which will be evaluated by a committee. But the Creative Jubilating Award is decided by voting from teams.

Adding up the scores of jubilating and Main Project, the one with the highest score wins the champion.

Important dates

Requesting for assistance (explanatory session, preliminary)	Apr 30, 2023
Registration deadline (by Postmark or email)	Jun 30, 2023
Check-in & Rule explanation	Evening, Aug 15, 2023
One day local tour	Aug 16, 2023
Social activity for all Teams	Aug 17, 2023
Opening ceremony, Team jubilating & Evening of banquet	Evening, Aug 17, 2023
Contest time	8AM, Aug 18, 2023 (72-hour non-stop) to 8AM of Aug 21, 2023
Project Evaluation	9AM to 2PM, Aug 21, 2023
Award presentation ceremony & Closing ceremony	Afternoon, Aug 21, 2023

Other important hints

The host will cover the living and lodging expenses for all team members, one team advisor and one evaluation committee member from Aug 14, 2023 to Aug 22, 2023

Financial support for transportation expenses is reserved for new teams up to 50% of the total cost, and is subject to availability. Please request early.

A tour in Taiwan under team's own expenses before or after the contest can be arranged. But do request as early as possible.

Food is served mainly Chinese style. Teams can bring their own food if necessary. Teams can also specify the kind of food they want; the host will try to arrange a few meals as specified.



Assists provided by the host

1. The host can send representatives to the designated location for an explanatory session. The session will explain rules, tricks, requirements and the spirits of the contest. Trial task will be given for practice.
2. If overseas preliminary contest is required the host can provide all tasks and related materials. If necessary, the host can send representatives to help out overseas preliminary contest.
3. The host can arrange tours before or after the contest in Taiwan for foreign teams. A local student guide will also be provided under request. However, the expense of the tour will not be supported by the host.
4. If the school of the foreign team is looking for a sister school in Taiwan, the host can assist with all the information, connection and tours to the sister schools.
5. Other information and help.



International Contest Contact Information

Professor Ko-Fei Liu (kfliu@ntu.edu.tw)

Department of Civil Engineering, National Taiwan University

<https://ironman.creativity.edu.tw/Index/en>



Organizer

Ministry Of Education

Youth Development Administration, Ministry Of Education



Executive

National Taiwan University

