



Canadian artist Morgan Wallace creates colorful illustration with 3D paper cut layers

# International ISAC Olympiad Regulations

## 1-ISAC Olympiad

**Imagination in Science by Art in different Cultures (ISAC) Olympiad**, is an **online international Art and Science competition**. The International ISAC Olympiad is essentially an individual competition or a team work (2-3 students) on the presentations of artistic projects with the science behind them (**unique without copy from others**) and carried out by junior (8-15), high school (16-19) and undergraduate students which are evaluated by the International Jury Ariaian Young Innovative Minds Institute (**AYIMI**) and ADIB Science and Technology Institute (**ADIB**) jointly in Iran, are the main organizers of this Olympiad. Students compete in identified groups in various offered categories every year. The rules and all related information are announced on **AYIMI & ADIB** websites ( <http://www.ayimi.org>, <http://adib.ayimi.org> ) by Local Organizing Committee (LOC).

## 2-Main Aims

This Olympiad is often used as practice for those are planning to do well in Art and Science but in a novelty method. This program is going to investigate:

- How Art in Science improves creative opportunities
- How the potential of Art and Science contribution helps industries
- How this contribution is affected by different cultures
- How STEAM Education makes economic stronger

## 3-Affiliationa Organizations in International ISAC Olympiad

Any invited countries are represented by one Affiliation Organization (AO) which has signed a MOU to cooperate with AYIMI for 6 years (three times of International ISAC Olympiad). Participants in a country can only take part in ISAC Olympiad by the country's AO. AO application form is received by email and as the contact organization will be shown on the website. AO is responsible to educate their participants and make them ready for International ISAC Olympiad. Each country sends one delegation. Additional members to the delegation should be requested by the AO to the LOC. The LOC will provide a procedure for processing these requests.

## 4-International ISAC Olympiad Registration

Both Registration and Submission related to each category are in early October.

## 5- Main Categories

There are six categories in International ISAC Olympiad which all Participants as individual or team work can select one to maximum 3 categories they are interested in. These categories are as follows:

### First Category:

#### \*\*\*Sculpting

By considering:

- The main idea and story to show high standing imagination and culture behind it
- Using any materials and even waste and recycled materials such as fabric, metal, wood, paper, ...
- Attribute a meaningful name to the sculpture



## Second Category:

**Origa- Sci** is building a three-dimensional set up by **origami** but the **science** behind it in physics, chemistry or biology should be considered.

There is no limited size. Finally, the signature style should be paste on each created structures.

## Third Category:

**\*\*\* Designing an underwater or space habitat, laboratory, hospital, school or house on the sea floor (shallow water)/ space**

The materials, communication and protection system, waste disposal system, underwater /space agriculture and Energy should be considered as the most important parameters.



## Fourth Category

**\*\*\* Painting which shows combination of Art and Science with cultural element**

## Fifth Category

**\*\*\* Composing , playing or making a new musical instrument to show the novelty of participant(s)**

## Sixth Category

**\*\*\* Photography from an attractive scientific experiment in any fields of basic sciences**

These photos can be taken from what are seen under microscope or doing attractive experiments in physics or chemistry and other your own novelties or experimental setups.

## 6- Presenting the Projects

International ISAC Olympiad is carried out in a period determined by the LOC. All the received and selected projects are presented according to the time table. All participants should present all details related to each project by power point maximum 10 minutes and 5 minutes for jurors to ask questions and grading (in total 15 minutes).

## 7-Judging and Grading

The international Jury is nominated and organized by the LOC in cooperation with affiliated organizations from different countries and consists of at least five members in each category. According to the time table each project is presented in 10 minutes (item 6) and the jurors will grade as the score sheet from 1-10 in each section. Evaluation in each section is by allotting marks between 1 and 10 according with the following scheme:

- a) very poor 1 or 2
- b) poor 3 or 4
- c) satisfactory 5 or 6
- d) good 7 or 8
- e) excellent 9 or 10

The evaluation of the members of Jury shall be done consistent to the score sheet guidelines provided by the LOC.

## 8- Awards

The LOC shall provide awards for the winners. The awards are divided in two sections as:



## Section One:

- Three best projects in each category and separately in different ranges junior (8-15), high school (16-19) and undergraduate students according to the scores receive **Gold Medal** (in total 54 Gold Medals)
- Next three best projects in each category and ranges according to the scores receive **Silver Medal** (in total 54 medals)
- Next three best projects in each category and ranges according to the scores receive **Bronze Medal** (in total 54 medals)

## Section Two:

- The gold medalists receive **Trophy and Special Prize** by the **International ISAC Olympiad** affiliated organizations.

All participants receive **Diploma** and **All the selected projects are published in International Journal of Young Scientist Research (free).**

### **9-The status of the regulations of the International ISAC Olympiad**

The regulations are established by the LOC and AOs and may be changed.

*Accepted in June 2021*

