



中国(国际)3D打印创新创业大赛  
International 3D Printing Innovation and Entrepreneurship Competition

## 2021 I3IEC Competition Rules and Guidance

### I. Competition

International 3D Printing Innovation and Entrepreneurship Competition (I3IEC)

### II. Competition Organizers

National Innovation Institute of Additive Manufacturing (NIAM), China  
University Alliance of the Silk Road (UASR)  
Shanghai Jiaotong University, China

### III. Competition Theme

**Theme: Creative Design and Innovative Applications with 3D Printing**

Open and independent proposition; design direction includes but is not limited to art and cultural design, home design, urban architectural design, industrial design/product design, mechanical design, etc.

### IV. Schedule of the Competition

1. Registration:  
From August 6<sup>th</sup> to **October 15<sup>th</sup>**, overseas teams register.
2. Preliminary Competition:  
After the registration, works should be uploaded **before 24:00, October 15<sup>th</sup>**. From October 16<sup>th</sup> to October 20<sup>th</sup>, judges will grade each project and choose 20 projects (including projects by Chinese teams and overseas teams) to enter the final competition. The entries will be released on **October 21<sup>st</sup>** on the website.
3. Final Competition: November 18<sup>th</sup> or 19<sup>th</sup>, online  
The final competition will be held at the Exhibition Center in Xi'an, China. All participating teams will give a presentation on their works online and **PRINTED design works** are required in the presentation of the final competition.  
(**Note:** Owing to COVID-19, overseas teams are required to attend the competition **online**. Detailed information of the final competition will be released on **October 21<sup>st</sup>**. Please keep an eye on the website: [www.iame.cn/en/3d/competition](http://www.iame.cn/en/3d/competition))
4. Award Ceremony:  
A list of award-winning projects and teams will be released on the website after the competition. Award-winning teams can download electronic certificate online.

### V. Eligibility

1. Projects:  
Based on additive manufacturing technology, entries must be original projects specially created for this Competition, without intellectual property right disputes with school research projects or other competitions.
2. Target Participants:





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- 1) The Competition can be entered by an individual or a team. The maximum team size is **3 members**. An instructor is optional.
- 2) The Competition is open to individuals of any nationality who meet all the criteria below:
  - **A registered student, enrolled in an undergraduate or postgraduate course (of any subject) at a university or higher education institute**
  - Be able to speak English

## VI. Registration of the Competition

### 1. Registration:

Please visit the international website <http://www.iame.cn/en/2021iame/data-download/> to get and download the registration form and schedule file. The registration channel will be closed by 24:00, October 15<sup>th</sup>, 2021.

### 2. Preliminary Competition Project Submission: **before 24:00, October 15<sup>th</sup>, 2021**

Online submission of registration forms and project files shall be submitted in a compressed file and emailed to **I3DC@niiam.cn/**. Submission item list requirements are as follows:

Item	Content	Requirement
Registration Form	Registration Form	Word format file
	Intellectual Property Right Protection Commitment	A scanned copy of the documents signed by the participants (in case of a team contestant, it must be signed by each contestant in the team)
Project File	Project design specification	PPT version
	Project video	MP4 format, no more than 2min; simulation analysis, product display animation and other related demonstration videos
	Photos of actual projects or models	JPEG format, 3-5 pieces, no more than 10M/piece; multiple angles
	3D modeling files	Source files and STL format files

(Note: The registration form and the commitment are attached at the end of this document.)

## VII. Selection of Entries and Final Award Winners

### 1. Selection of Entries:

The projects of the preliminary competition will be selected by the Organizing Committee in accordance with the criteria such as **completeness of projects, project and theme compatibility** and so on, and qualified projects will enter the review process. The preliminary competition review adopts the method of scoring by experts, and it is planned to invite 5 experts (including technical experts, executives of famous companies, investment and financing experts) to grade the projects based on their **creativity, technology, functionality and aesthetics**. The scoring is based on a





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percentage system, accurate to two decimal places, and the average of the scores of the 5 review experts is the final score of the work. International teams will be scored together with Chinese teams. According to the scores of the works, **20 projects** will be selected to enter the final competition.

## 2. Selection of Final Award Winners:

The results of the final competition will be determined by the experts at the site by scoring. In principle, 5 experts will be selected from each field of competition to score the project. The scoring is based on a percentage system, accurate to two decimal places, and the average of the scores of 5 review experts is the final score of the work. The first, second and third places of the competition are determined according to the scores of the works. In case of the same score from different participants during the Competition which affects the promotion ranking, the experts will discuss the ranking position.

(Note: Detailed criteria of the final competition will be released on October 21<sup>st</sup> on the website.)

## VIII. Award Setting

### 1. Top Three Awards

Award name	Quantity	Prize
Gold Prize	1 Project	Certificate and cash awards worth RMB 10,000
Silver Prize	2 Projects	Certificate and cash awards worth RMB 6,000
Bronze Prize	4 Projects	Certificate and cash awards worth RMB 4,000

(Note: All awards will not be evaluated twice.)

- Members of the award-winning project team will have the opportunity to be invited by the National Additive Manufacturing Innovation Center, China (NIIAM) for internship.
- The instructor of the first-prize-winning team will be awarded the title of "Excellent Instructor" with a certificate of honor.

## IX. Intellectual Property Right Commitment

In order to effectively protect the intellectual property rights of the participating teams or individuals, the participating teams or individuals shall undertake to own the intellectual property rights of the entries (including but not limited to ideas, documents, source files, pictures, videos, etc.).

The "Registration Form" shall be submitted together with the "Intellectual Property Right Protection Commitment" by the participating team. The receipt of these two types of documents by the Organizing Committee shall be deemed as successful registration. Otherwise, the absence of any type of documents shall be deemed as unsuccessful registration. The Organizing Committee reserves the right to display, publicize, and promote the entries, and the Organizing Committee undertakes to discuss with the participating teams or individuals for other commercial uses of the entries.

## X. Fees





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Participation in the Competition is free of charge. Except the cash bonus(including tax), the organizing committee will not bear any costs incurred by the participating teams.

## XI. Photographs, Filming and Recordings

The Competition Organizer may photograph, video, film or record proceedings and attendees (including the winning participants) during the Competition.

The Competition Organizer may use such photographs, videos, films or recordings for the purposes of producing Competition materials (including transcripts, reports or summaries) which may be published or distributed in hard or soft copy or online or marketing or for the purposes of advertising future competitions or events or publishing the work and activities of the Competition Organizer (whether by means of promotional and publicity materials or programmers, publications, websites, electronic publications, social media or other means) without any payment or compensation being offered and without any request being made to the featured parties and the winning participant hereby consents to any such media being used anywhere in the world by, or on behalf of, the Competition Organizer.

## XII. General

The Competition Organizer may disqualify or refuse to accept the entry of any participant which does not meet the eligibility criteria in Section V or does not otherwise comply with these Competition Rules.

These Competition Rules shall be governed by and interpreted in accordance with the law of People's Republic of China and the courts of People's Republic of China shall have exclusive jurisdiction over any disputes or claims (including, without limitation, non-contractual disputes or claims) arising out of or in connection with the Competition.

## XIII. Contact Information

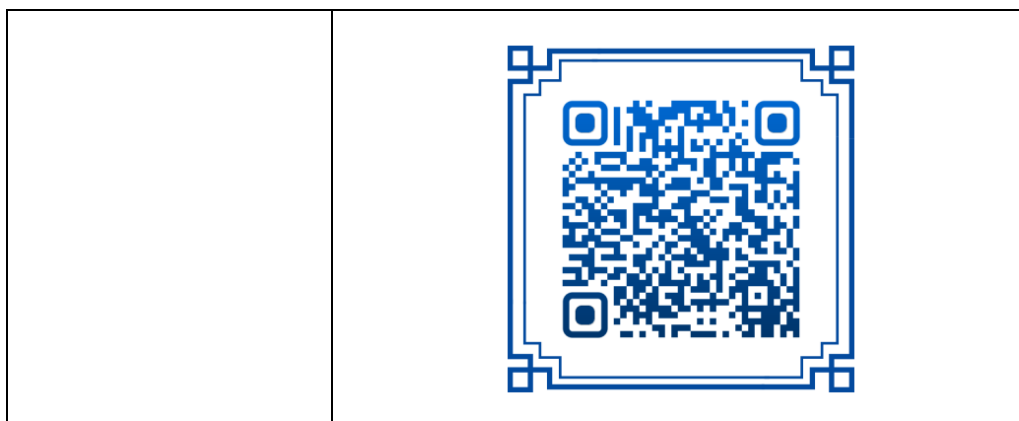
<b>Contacts:</b>	Ms. Li	<b>Phone:</b>	+86 177-3714-7571
		<b>Email:</b>	lilei@niiam.cn
	Ms. Xu	<b>Phone:</b>	+86 136-7929-2951
		<b>Email:</b>	xuyunqi@niiam.cn
<b>Website:</b>	www.iame.cn/en/3d/competition		
<b>WeChat QR-code:</b>			





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Attachment 1:

## 2021 I3IEC Registration Form

**Team Size:** Maximum of 3 members

**Registration Deadline:** before 24:00, October 15<sup>th</sup>, 2021

**Entry Submission Deadline:** before 24:00, October 15<sup>th</sup>, 2021

**First qualification round for international teams outside of the mainland China:** October 16<sup>th</sup> - 20<sup>th</sup>, 2021, online

**Entries Release Date:** October 21<sup>st</sup>, 2021

**Final Competition:** November 18<sup>th</sup> – 20<sup>th</sup>, 2021, Xi'an, China

(Owing to COVID-19, overseas teams will participate the final competition online)

(Items with “\*” are required)

Team Name*		
Competition Entry Name*		
Participant Details		
Team Leader	Name*	
	Passport No. *	
	Gender*	
	Age*	
	Nationality*	
	University/Department*	
	Cell Phone*	
	E-mail*	
	WeChat ID	
Team Member 1	Name*	
	Passport No. *	
	Gender*	
	Age*	
	Nationality*	
	University/Department*	
	Cell Phone	
	E-mail	
Team Member 2	Name*	



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	Passport No. *	
	Gender*	
	Age*	
	Nationality*	
	University/Department*	
	Cell Phone	
	E-mail	
Instructor (if any)	Name*	
	Passport No. *	
	Gender*	
	Age*	
	Nationality*	
	University/Department*	
	Cell Phone	
	E-mail*	



上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY



学生创新中心  
Student Innovation Center



国家增材制造创新中心  
National Innovation Institute of Additive Manufacturing





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Attachment 2:

## Intellectual Property Right Protection Commitment

By entering the competition, I declare/agree that:

1. The work is my original work and does not infringe any intellectual property rights of others.
2. This design is not and has not been in production or otherwise previously published or exhibited.
3. The work does not include any elements to be considered defamation, abuse, slander, obscenity, violence, threats, harassment, discrimination, etc.; any information that undermines respect for privacy; any contents that encourage suicide, endanger health or physical, mental or moral health, induce terrorism acts, promote war, endanger humanity.

The organizer has the right to interview me to verify points 1 to 3 above.

In the event the organizer, at its sole and absolute discretion, ascertains that the requirements in point 1 to 3 above are not met, it has the right to disqualify my entry.

In the event that my entry wins the competition, I promise that the Competition Organizer will have the priority to purchase and transfer the intellectual property rights of the entries under the same conditions.

The organizer owns the submitted entry in the form of printed parts. It may dispose of the entry as it deems fit and is under no obligation to return the submitted entry to me.

By signing this document, I acknowledge that I have read and fully understand the 'International 3D Printing Innovation and Entrepreneurship Competition Rules and Guidance' and hereby agree to abide by all rules and regulations set forth or established by the Competition Organizer.

Name: \_\_\_\_\_ (Team leader on behalf of team)

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Attachment 3:







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Item List			
1	Registration Form	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2	Intellectual Property Right Protection Commitment	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3	3D modeling file (STL format)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4	A PowerPoint presentation to illustrate your design idea	<input type="checkbox"/> Yes	<input type="checkbox"/> No
5	Other files	<input type="checkbox"/> Yes	<input type="checkbox"/> No

If yes, please specify:

(For office use only)