

2025 ISSSP Guideline (University Students Group)

1. Schedule

Events	Date
Register	24 Apr, 2025
Preliminary Submission Deadline	30 Jun, 2025
Qualify for the Final	15 Aug, 2025
Community Building	Sep-Oct, 2025
Shortlisted Team Training	
Deadline for Submission of Final Work	31 Oct, 2025
Final Contest (Hong Kong)	27-29 Nov, 2025

2. Participants and Requirements

2.1 Participants

- Middle School Students Group (Invitation)
 - Open to mainland middle and high school students.
 - Teams in this group compete in Track 1: Creative Design of a Space Experiment.
- University Students Group
 - Open to global university students (undergraduate, graduate, and doctoral).
 - Teams may choose Track 1: Creative Design of a Space

Experiment or Track 2: Innovative Design of a Space Payload
Experiment.

Note: This guide covers only the University Student Group. For details on the Middle School Student Group, please download the file in the [website](#).

2.2 Registration

Please register on the official website of the Contest (<http://issp.bit.edu.cn>). If there is any problem with the online registration, please send Appendix 1 for your registration to the official email address: register@issp.org.cn, with the mail subject: "2025Registration+ School Name+ Team Name".

2.3 Requirements

- Each institution may register unlimited teams.
- A student may participate in only one team.
- Each team must have 3–6 students and at least 1 supervisor.

2.4 Contest Format

The contest includes two phases. Online Global Preliminary + Hong Kong Final.

2.5 Finalist Teams

A maximum of 60 teams, drawn collectively from the Middle School and University Student Groups, will advance to the finals.

2.6 Expenses

There is no registration fee. During the final round, the Organizers will provide each team with **3** complimentary accommodations & meal; and all other expenses will be the responsibility of the teams.

2.7 Others

Teams may modify their registration details up until the registration deadline. After the deadline, changes will only be permitted under exceptional circumstances—and only if the team submits a written request to the Secretariat of the Organizing Committee (secretary@issp.org.cn) and receives approval. The Organizing Committee reserves the right to disqualify any team that makes unauthorized changes after the deadline.

3. Themes and Contents

3.1 Theme 1: Creative Design of a Space Experiment

According to the environmental needs of the Space Station, The participating teams establish the objectives without referring to

Technical Requirements illustrated in Appendix 5, then identify the corresponding scientific experiment requirements and formulate the design plan based on the environmental status of the space station.

3.2 Theme 2: Innovative Design of a Space Payload Experiment

According to the environmental needs of the Space Station and the technical requirements, the teams shall propose an innovative space payload design and build the principle prototype of the payload instrument or conduct simulation of the equipment. The Technical Requirements should be taken as the reference.

4. Awards & Supports

The number of awards for this competition is not fixed. In the finals, teams will be awarded based on their total scores as follows:

 **Gold Award (≥90 points): CNY 150,000**

 **Silver Award (80-89 points): CNY 20,000**

 **Bronze Award (<80 points): CNY 5,000**

Track 2 Finalist Bonus: CNY 5,000 per team

Special Awards: Best Community, Poster, Hardware/Simulation, Presentation & Instructor

Further Support: Flight-test candidacy on CSS, ISS, lunar bases, and deep-space missions; priority in talent programs; introductions to

investors; and access to academic resources.

5. Participation and Scoring Rules

All submissions will be evaluated by the Committee based on three criteria: scientific merit, innovation, and public engagement, following the principles of fairness, openness, and transparency. The review process and results will be publicly documented, and supporting materials may be verified by up to five Organizing Committee members upon request. Submission details are as follows.

5.1 Submission Requirements and Scoring Rules for the Preliminary Round

In the preliminary round, teams must submit:

- Team Member Introduction (see Appendix 2)
- Work templates for the preliminary contest (see Appendix 3)

Teams may also include supplementary materials—such as design schemes created in AutoCAD or Pro-E, JPEG images, full-text reports, and other supporting documents—packaged in a single folder.

[Note: All files must be submitted in PDF format.](#)

5.1.1 Submission Requirements

- Upload all required documents to the official contest website.

- Ensure each PDF is clearly labeled with your team name and document type.

5.1.2 Scoring Rules

Table 1: Scoring Rules of Preliminary Round for Track 1

No.	Items	Score
1	Demand analysis& Research objectives	15
2	Research contents& Novelty	25
3	Research scheme& Technical approach	25
4	Teamwork	15
5	Research progress& Expected results	10
6	Social value& Significance	10
Total Score		100

Table 2: Scoring Rules of Preliminary Round for Track 2

No.	Items	Score
1	Requirement analysis	15
2	Comprehensiveness& Rationality of payload design	25
3	Technical Feasibility	25
4	Teamwork	15
5	Research progress& Expected results	10
6	Social value& Significance	10
Total Score		100

5.2 Submission Requirements and Scoring Rules for the Finals

The finals are scored on a cumulative basis, with points awarded throughout the entire process to reflect each team's performance and

engagement. Each finalist team receives a dedicated community page and expert training.

Finalist teams must submit the following materials, all in English and PDF format unless specified otherwise:

1. Poster (English)

2. Presentation Deck (PPT)

*Simulation Diagrams or Prototype Demonstrations (real objects or simulated models)

*Supplementary Materials, if needed (e.g., technical drawings, code samples, data visualizations)

Each team will deliver a **15-minute presentation** followed by a **10-minute Q&A session**, both conducted in English.

5.2.1 Scoring Rules for Final Contest

Creative design of space station experiment and Innovative design of space station payload experiment will be scored as two tracks separately based on different technical emphasis in the final contest. For more details are as follows.

Table 1: Finals Scoring Rules of Track 1

No.	Items	Contents	Judge	Sub-total
1	Community Building (Until 31 st Oct)	Publicize contest concept	The organizing committee	10
		Team cooperation&communication		
		Communications specialist		
		Project scheme display		
2	Poster (Until 31 st Oct)	Include Team Information, Background Introduction, Research Content And Methods, etc	Judge	10
3	Finals	Topic selection		10
4		Research content and program		30
5		Work display/simulation design		20
6		PPT Presentation		15
7		Artistry		5
Total				100

Table 2: Finals Scoring Rules of Track 2

No.	Items	Contents	Judge	Sub-total
1	Community Building (Until 31 st Oct)	Publicize contest concept	The organizing committee	10
		Team cooperation&communication		
		Communications specialist		
		Project scheme display		
2	Poster (Until 31 st Oct)	Include Team Information, Background Introduction, Research Content And Methods, etc	Judge	10
3	Finals	Topic selection		10
4		Research content and program		30
5		Work display/simulation design		25
6		PPT Presentation		10
7		Artistry		5
Total				100

5.2.2 Submission Requirements

5.2.2.1 Requirments of Community Building

Teams must complete their community-page content by [October 31](#). All posts must be in English to foster international exchange. Content should:

- Promote the competition's mission and concepts
- Facilitate team collaboration and communication
- Showcase social impact and applications
- Present project plans and milestones

5.2.2.2 Poster

Format Requirements

- Quantity: One poster per team
- Size: 60 cm × 90 cm (width × height)
- File: JPG at ≥ 72 dpi; if you include high-resolution images, ensure the file remains ≤ 10 MB

Content Guidelines

- Use a clear, logical layout—black-and-white or color—rich in images and concise text.
- Fully convey your theme with diagrams, key findings, and academic innovations.
- Include: title, team name, track category, background, methodology, results, and acknowledgments.
- We recommend 1–3 figures or tables to illustrate your work.
- Deadline: [October 31](#)
- Submission: Email to register@issp.org.cn

[Subject: "2025Poster + Theme 1/Theme 2 + Team name"](#)

5.2.2.3 Presentation

Format Requirements

- File Type: PowerPoint (PPTX) or Prezi; any videos must be bundled in a compressed folder
- Font: Arial
- Font Sizes:
 - Title: 36–44 pt
 - Subtitle: 28–36 pt
 - Body text: ≥ 22 pt
- Aspect Ratio: 16:9

Content Guidelines

- Structure your talk logically, highlighting the most important aspects for the jury.
- Cover: title, team details, background, approach, results, societal applications, and future directions.

Other Requirements

- Max 15 minutes on-site, followed by a 10-minute Q&A.

Submission Time

- Submit your PPT/Prezi and any work reports by [October 31](#) (materials will not be returned). At the finals, bring your physical/display materials (prototypes or simulation models) to present on site.
- Submit: Email [to register@issp.org.cn](mailto:to_register@issp.org.cn)

Subject: “2025PPT+ Theme 1/Theme 2+ Team name”

6. Dispute Settlement

If a team contests its evaluation, the lead supervisor—authorized by their institution’s administration—may appeal to the Organizing Committee (secretary@issp.org.cn). The Committee will issue its arbitration results via email within 5 working days of receiving the appeal.

7. Special statement

- Submitted works must not infringe on any third-party intellectual property rights.
- Entries previously published or used in other competitions are ineligible.
- Participants retain IP rights; the Organizing Committee may edit, publish, or promote submissions for non-commercial purposes. By entering, teams agree to these IP terms.
- All works must comply with the laws and regulations of China and the participants’ home countries. Teams are responsible for any legal consequences arising from non-compliance.
- For questions or clarifications, contact the Organizing Committee at secretary@issp.org.cn. The Committee reserves the right of final

interpretation.