Scoring Items for the Final Contest

Theme 1: Creative Design of Space Experiment

No.	Judging Items	Standard of Evaluation	Points
Part I: Community			
1	**Contest propaganda (5 points)**	All teams are required to post relevant content in the "Works District", including contest propaganda, daily sharing, project display, etc. 【Scoring point】 i. Post within the community. (2 points) * No quantitative limit. ii. Screenshots posted on other social platforms in the community, such as WeChat, Qzone, Weibo, Twitter, Facebook, etc. (3 points) * The top 50% get 3 points and the rest get 1 point according to the ranking.	
2	**Exchange and cooperation among teams (5 points)**	In the "Works District", Summarize the number of messages posted by your team & Your comments under posts from other teams. *Messages should be related to the specific content of the contest and should not be repeated on the same issue. 【Scoring point】 According to the ordering, the top 20% get 5 points, 21%-40% get 3 points, and the rest get 1 point.	
3	**Communication with experts (5 points)**	【Scoring point】 i. Ask experts in relevant fields for recommendation and send it to the Organizing Committee(register@isssp.org.cn), or you can choose to post in the "Works District". (2 points) * No quantitative limit. ii. Communicate with experts on the workshop. (3 points) * The top 50% get 3 points and the rest get 1 point according to the ranking, where the ranking is determined by the number of questions the team ask.	
4	**Video (5 points)**	Post video about your teamwork introduction and preparation progress in the "Daily". * Each participating team can retain relevant technical details and the specific level is determined by the participating teams themselves. 【Scoring point】 i. Post video in the community, and statistical likes. (5 points) * According to the likes, the top 20% get 5 points, 21%-40% get 3 points, and the rest get 1 point.	
Part II: Final Scene			
5	**Poster (10 points)**	All teams are required to submit a poster to present your work, which should have the following components: authors and their Affiliated Institution(s) information, background introduction, research content, methodology, results, etc. 【Scoring point】 i. Poster. (10 points) * Voting via online and offline at the final scene, According to ranking, the top 20% get 10 points, 21%-40% get 6 points, and the rest get 3 points.	
6	**Theme (10 points)**	A. Have a comprehensive understanding of the current status of space science, have a unique understanding, explain the problem scientifically, have clear research goals. (9~10) B. Basic understanding of the status quo of space science, problem elaboration is relatively scientific, research objectives are basically clear (4~8) C. Insufficient understanding of the current state of space science, scientific questions and goals are vague. (0~3)	
7	**Research contents & scheme (25 points)**	A. The creative content is comprehensive and detailed, has strong innovation, the research plan is reasonable and feasible, the experimental design is novel and creative, the experimental process is reasonably planned and gradually improved, the team has innovative thinking for complex problems, the team cooperates well. (21~25)	

		B. The creative content is basically comprehensive, has a certain degree of innovation, the research plan is basically reasonable and feasible, the experimental design has a certain novelty, the experimental process planning is basically reasonable, the team has a certain innovative thinking for complex problems, the teamwork is basically good. (6~20) C. The creative content is not comprehensive, the research plan is unreasonable, the experimental design is not novel, the experimental process is chaotic, the team does not have innovative thinking to solve complex problems, there is no teamwork. (0~5)	
8	**Real objects/ Principle prototype/ Simulation design (20 points)**	A. The form of the results is clear, the creative content is intuitively expressed, the simulation data is reasonable and reliable, the target requirements are totally met, it is expected to produce greater social benefits. (16~20) B. The form of the results is clear, the creative content can be expressed, the simulation data is basically reasonable and reliable, the target requirements are basically met, some social benefits are expected to be generated. (6~15) C. The form of the results is not clear, the creative content cannot be expressed, the simulation data is unreasonable, the target requirements are not met, the expected social benefits are not obvious. (0~5)	
9	**Presentation (10 points)**	A. Within the specified time, the speech process is logically clear, the content is complete, the key points are prominent, and the creativity of the work can be clearly expressed, answer the questions of the judges concisely and thoroughly with some arguments. (9~10) B. Within the specified time, the speech process is basically logically clear, the content is relatively complete, the key points are prominent, the creativity of the work is basically clearly expressed, answer the questions of the judges concisely. (4~8) C. Within the specified time, the logic of the speech is confusing, the content is not complete, the key points are not prominent enough, and the creativity of the work cannot be well expressed. The answers to the questions of the judges are not clear. (0~3)	
10	**Artistry (5 points)**	A. The design of the works is highly artistic and aesthetic. (4~5) B. The design of the work is generally artistic and has a certain aesthetic sense. (2~3) C. The design of the works is less artistic and has almost no aesthetic sense. (0~1)	
Total score (out of 100 points)			

Notes:

i. The points of Part I will be statistical by the Organizing Committee. The part II （except Poster） will be reviewed by the judges, Poster will be reviewed by public.

ii. Best-community prize, the one with the highest total score in the first four items.

iii. Best-poster prize, the one with the highest number of online votes.

iv. Best-hardware/simulation, the one with the highest score in the eighth item.

v. Best-PPT Presentation prize, the one with the highest score in the ninth item.

Theme 2: Innovative Design of Space Payload Experiment

No.	Judging Items	Standard of Evaluation	Points
Part I: Community			
1	**Contest propaganda (5 points)**	All teams are required to post relevant content in the "Works District", including contest propaganda, daily sharing, project display, etc. 【Scoring point】 iii. Post within the community. (2 points) * No quantitative limit. iv. Screenshots posted on other social platforms in the community, such as WeChat, Qzone, Weibo, Twitter, Facebook, etc. (3 points) * The top 50% get 3 points and the rest get 1 point according to the ranking.	
2	**Exchange and cooperation among teams (5 points)**	In the "Works District", Summarize number of messages posted by your team & Your comments under posts from other teams. *Messages should be related to the specific content of the contest and should not be repeated on the same issue. 【Scoring point】 According to the ordering, the top 20% get 5 points, 21%-40% get 3 points, and the rest get 1 point.	
3	**Communication with experts (5 points)**	【Scoring point】 i. Ask experts in relevant fields for recommendation and send it to the Organizing Committee(register@isssp.org.cn), or you can choose to post in the "Works District". (2 points) * No quantitative limit. ii. Communicate with experts on the workshop. (3 points) * The top 50% get 3 points and the rest get 1 point according to the ranking, where the ranking is determined by the number of questions the team ask.	
4	**Video (5 points)**	Post video about your teamwork introduction and preparation progress in the "Daily". * Each participating team can retain relevant technical details and the specific level is determined by the participating teams themselves. 【Scoring point】 i. Post video in the community, and statistical likes. (5 points) * According to the likes, the top 20% get 5 points, 21%-40% get 3 points, and the rest get 1 point.	
Part II: Final Scene			
5	**Poster (10 points)**	All teams are required to submit a poster to present your work, which should have the following components: authors and their Affiliated Institution(s) information, background introduction, research content, methodology, results, etc. 【Scoring point】 i. Poster. (10 points) *Voting via online and offline at the final scene, According to ranking, the top 20% get 10 points, 21%-40% get 6 points, and rest get 3 points.	
6	**Theme (5 points)**	A. A comprehensive understanding of the research background and current situation, problem statement is scientific, research objectives is clear, and a full understanding of space load design constraints such as technical manuals. (4~5) B. The research background and current situation are basically understood, the problem statement is relatively scientific, the research objectives are basically clear, and the space load design constraints such as technical manuals are basically understood. (2~3) C. The research background and current situation are not clearly understood, and the scientific questions and objectives are vague. (0~1)	
7	**Research contents &**	A. The experimental design is comprehensive and detailed, has a clear	

	scheme (25 points)	technical route, the research plan is reasonable and feasible, the key innovative technologies are prominent, the experimental process is reasonably planned and gradually improved, the team has the innovative thinking and comprehensive ability to solve complex problems, and the team cooperates well. (21~25) B. The experimental design is basically comprehensive, the technical route is basically clear, the research plan is basically reasonable, the key innovative technologies are prominent, the experimental process planning is basically reasonable, the team has certain innovative thinking and comprehensive ability to solve complex problems, and the teamwork is basically good. (6~20) C. The experimental design is insufficient, the technical route is not clear, the research plan is not reasonable enough, there is no key innovative technology, the experimental process is chaotic, the team does not have the innovative thinking and comprehensive ability to solve complex problems, and there is no teamwork. (0~5)	
8	**Work Display/ Simulation Design (25 points)**	A. The form of the results is clear, the structure of the load design works is clear, the simulation data is reasonable and reliable, the constraints of the technical manual are met, the functions of the target are fully realized, and it is expected to produce greater social benefits. (21~25) B. The form of the results is clear, the structure of the load design works is basically clear, the simulation data is basically reasonable and reliable, basically meets the constraints of the technical manual, basically meets the target requirements, and it is expected to produce some social benefits. (6~20) C. The form of the results is not clear, the structure of the load design work is not clear, the simulation data is unreasonable, the constraints of the technical manual are not met, the target requirements are not met, and the expected social benefits are not obvious. (0~5)	
9	**Presentation (10 points)**	A. Within the specified time, the speech process is logically clear, the content is complete, the design of the work is clearly explained, the key technology is outstanding, answer the questions of the judges concisely and thoroughly with some arguments. (9~10) B. Within the specified time, the speech process is basically logically clear, the content is relatively complete, the design of the work is clearly explained, the key technologies are basically clear, answer the questions of the judges concisely. (4~8) C. Within the specified time, the logic of the speech process is chaotic, the content is not complete, the description of the work design is not clear, the key technologies are not prominent, and the answers to the questions of the judges are not clear. (0~3)	
10	**Artistry (5 points)**	A. The design of the works is highly artistic and aesthetic. (4~5) B. The design of the work is generally artistic and has a certain aesthetic sense. (2~3) C. The design of the works is less artistic and has almost no aesthetic sense. (0~1)	
Total score (out of 100 points)			

Notes:

i. The points of Part I will be statistical by the Organizing Committee. The part II（except Poster） will be reviewed by the judges, Poster will be reviewed by public.

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v. Best-PPT Presentation prize, the one with the highest score in the ninth item.