Work Templates for the Preliminary Contest of

International Space Science and Scientific Payload Competition

(ISSSP 2024)

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| Track 1：Creative Design of a Space Experiment |
| Name of the Work |  |
| Category | Life Science, Medicine & Interdisciplinary Science□ Science, Materials & Others□  |
| 1. Demand analysis& Research objectives (according to the unique understanding of Space resources, put forward scientific problems, and describe research objectives, within 500 words): |
| 2. Research contents& Novelty (explain the research content& provide innovative design, analyze and self-prove the creativity of the works, within 1000 words): |
| 3. Research scheme& Technical approach (explain the research scheme and technical approach, within 1000 words): |
| 4. Teamwork (explain the structure of the works and introduce the division of labor of team members, within 500 words):Notes: In order to ensure the principle of anonymity, the names of team members are replaced by serial numbers 1, 2 and 3, which cannot use their real names. |
| 5. Research progress& Expected results (within 500 words): |
| 6. Social value& Significance |
| Supplementary materials (by attachment): |

Notes:

* Please do not show the information of school, supervisor and team members in file.
* The file needs submit in Pdf format.
* The text needs submit in Times new roman, 12 font, 1.5 times row spacing.
* Social group logs in track 2.
* Please submit the from on the contest offical website.

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(ISSSP)

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| Track 2：Innovative Design of a Space Payload Experiment |
| Name of the Work |  |
| Category | Engineering Technology□ |
| 1. Requirement analysis (describe the research background, within 500 words): |
| 2. Payload design scheme (analyze the experimental requirements& payload design constraints, make the payload design scheme, and introduce the key points of the scheme, design principles, technical highlights ect. within 2000 words):Notes: In order to ensure the principle of anonymity, the names of team members are replaced by serial numbers 1, 2 and 3, which cannot use their real names. |
| 3. Technical Feasibility (explain the index of payload design, verify calculation and simulation, within 1000 words):  |
| 4. Teamwork (explain the structure of the works and introduce the division of labor of team members, within 500 words):Notes: In order to ensure the principle of anonymity, the names of team members are replaced by serial numbers 1, 2 and 3, which cannot use their real names. |
| 5. Research progress& Expected results (within 500 words): |
| 6. Social value& Significance |
| Supplementary materials (by attachment): |

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