



IIAS-02 Payload Solicitation Marking Scheme			
	Parameter	Score	Comments
1.	Technical Merit	/25	The proposal must address the technical aspects as outlined in the proposal, including mass, power, volume requirements, what is being tested, what result is hypothesized, and how this fits with the mission profile. A score of 14 or less will be disqualified.
2.	Justification (Background, novelty)	/10	The proposal should detail why the payload is being proposed, citing relevant references, as well as detail the novel and/or innovative aspects of the proposal. A score of 4 or less will be disqualified.
3.	Scientific Return & Societal Impact	/20	The proposal should explain the importance of the science, the proposed impacts of the results, and how they may benefit human spaceflight and/or terrestrial activities with their results. A score of 13 or less will be disqualified.
4.	Alignment with IIAS-02 Science Priorities	/5	The proposal should be aligned with the stated IIAS-02 research priorities of physical sciences and/or space health, with a focus on i) neuroscience; ii) women's health and/or iii) health technology that supports astronaut health and terrestrial health. Exceptional proposals that fall outside the IIAS-02 scientific priorities may still be considered, but may lose points in this area.
5.	Are there any violations of payload boundaries, as stated in the solicitation?	YES/NO	A 'YES' response will result in disqualification.
6.	Feasibility	/10	Feasibility refers to the fit with the IIAS mission profile, as well as addressing key logistical points. For example, for unfunded projects, is there a plan to obtain funding? A score of 5 or less will be disqualified.
7.	Suitability for Human Suborbital	/15	The proposal should justify why the science is best suited for suborbital spaceflight, as opposed to parabolic flight or orbital spaceflight. Proposals should also justify the request for



	Flight		rackspace versus a passive payload versus an actively tended payload. A score of 8 or less will be disqualified.
8.	Proposer Experience	/5	First-time proposers are welcomed.
9.	Justification for Working with the IAS-02 Team	/5	Proposals will be evaluated in the context of their replies to proposal question 34: "PIs who are passionate about their science, collegial, available, driving their science forward, enthusiastic, and committed to "working the problem," as challenges invariably arise. What draws you to our mission?"
10.	Crew Preference	/5	IIAS-02 crew members may allocate up to 5 points for payloads that resonate with them as preferred payloads for their spaceflight. A crew score of zero is construed as a veto of the proposal.
B1.	Bonus: Collaboration	/+2	Up to 2 bonus points may be awarded for proposals that emphasize areas of collaboration, for example co-presentation at conferences and co-publication.
B2.	Bonus: Opportunities for IAS Researchers	/+2	Up to 2 bonus points may be awarded for proposals that offer opportunities for IAS researchers (e.g. through help with data analysis, manuscript preparation, poster preparation, etc).
	TOTAL	/100 + 4 Bonus points	Proposals scoring 50 or less will be disqualified.