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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date year/month/day  **Observation Campaign Proposal** | | | | | | | | | |
| **(1) PI name** | First name | | | Middle name | | Family name | | Country/Region | |
|  | | |  | |  | |  | |
| **(2) Purpose of the observation campaign** | | | | | | | | | |
| Please explain here the purpose of your observation campaign; "scientific research activity" or "school activity" or "international activity" etc.  (e.g.) To determine the accurate orbit of asteroid 2005UD, which is the multi flyby target for the DESTINY+ mission, by occultation observations. This observation can contribute to the Japanese flyby mission. | | | | | | | | | |
| **(3) Information on the occultation event** | | | | | | | | | |
| If the target asteroid is smaller than a few kilometers, please also provide the distance information (heliocentric and geocentric distance) at the time of the occultation event. The distance information is important to know whether diffraction phenomena should be considered or not.  (e.g.) At the time of the occultation event 2005UD, the geocentric distance is 1.43 au and the heliocentric distance is 2.30 au.  The occultation zone map should also be included here.  ダイアグラム  自動的に生成された説明 | | | | | | | | | |
| **(4) Observation method** | | | | | | | | | |
| **Exposure time** | | (e.g.) 8.7 ms to 13.0 ms | | | | | | | |
| **Time accuracy** | | (e.g.) 1 PPS LED emission and GPS timekeeping or equivalent time accuracy required | | | | | | | |
| **S/N to be achieved** | | If necessary, write the ideal S/N value. Please note that it is more often than not achieved depending on the observation conditions. (e.g.) >3 | | | | | | | |
| **Observation time** | | (e.g.) from 18:15-(LED illumination for 1 min) -18:16-main observation (for 2 min)-18:18-(LED illumination for 1 min) -18:19 (UT) end. | | | | | | | |
| **Other requests** | | (e.g.) Please make sure that the field of view is large enough to include the target star as well as nearby comparison stars. We need comparison stars for relative photometry. | | | | | | | |
| **(5) Finding chart**  (e.g.) 30’x30’  (please use the appropriate resolution when actually attaching the image) | | | | | **(6) Visibility**  (e.g.)　 Attach an image like the one in the example (please use the appropriate resolution when actually attaching the image) or please include the altitude of the star at the time of the occultation event and its position relative to the Moon.  グラフ, 折れ線グラフ  自動的に生成された説明 | | | | |
| **(7) Travel support provided from PI** | | | Full / Partially / None | | | | | | |
| **(8) PI’s Data Priority** | | | **Data priority period** | | | | None / \*\* month | | |
| Individual observers may post image files and time of phenomena obtained as a result of their own observations | | | (a) Posting of image/movie files and time of phenomena obtained by individual observers to friends/close observing group | | | | | | (OK / NG) |
| (b)Posting them on websites, SNS, etc. | | | | | | (OK / NG) |
| (c)Present them at a research meeting, etc. | | | | | | (OK / NG) |
| (d)Submit them to journals, etc. | | | | | | (OK / NG) |
| (e) Special note: (e.g.) Publication of data obtained by individuals is acceptable, but the entire data set obtained from the observation campaign will be used by the observation PI for research presentations and papers | | | | | | |
| **(9) Data set to be provided** | | | (a) Raw data (avi file or fits file) | | | | | | (Yes / No) |
| (b) Camera setting information | | | | | | (Yes / No) |
| (c) Lightcurves | | | | | | (Yes / No) |
| (d) Others | |  | | | | |
| **(10) Support from IOTA/EA** | | | (a) Occultation forecast page | | | | | | (Needed / Not) |
| (b) Occultation zone map | | | | | | (Needed / Not) |
| (c) Spreadsheet for the distribution of observation sites | | | | | | (Needed / Not) |
| (d) Spreadsheet for observation reports from each observer | | | | | | (Needed / Not) |
| (e) Data collection site | | | | | | (Needed / Not) |