Dear SITL,

Here are suggestions for (1) using the new dynamic SITL window system, and (2) making SITL selections of dayside and flank phenomena.

1. Operating the new Dynamic SITL Window system:

* **Please download the latest SPEDAS.**
* **Very useful for SITLs:** Here is the link to see the availability of data (so you don’t have to load the data to see what is available) and metrics, etc.:

<http://www.ssl.berkeley.edu/~moka/eva/index.html>

* Instructions by Mitsuo for the EVA buttons and strategies can be found at:

<https://lasp.colorado.edu/galaxy/display/mms/EVA+Manual>

* If possible, please send out the draft report 2-3 days before the window closing time, and do the ‘uplink’ 1-3 days before the clock runs out.
* **Please select and submit one SROI at a time, unless data is fully available for more than 1 SROI at the time of data loading.**

1. Selection strategies.

* Please read and follow Dayside FOM guidelines at the SITL website <https://lasp.colorado.edu/galaxy/pages/viewpage.action?spaceKey=mms&title=SITL>
* When selecting the magnetopause or bow shock, please make sure that the interval is long enough to cover the context around. It is good to look at many parameters to determine the context.
* When there are multiple crossings of the magnetopause or bow shock that are not too far separated in time (e.g., gaps less than a few minutes between crossings), please select a long interval that contains multiple crossings with the same FOM.
* Suggest loading the ‘dayside basic’ parameter set to make selections of magnetopause and bow shock and related phenomena.
* Suggest loading the ‘Solar wind current sheet’ parameter set to make selections of solar wind reconnection events.
* For magnetosheath turbulence, we have already gotten lots of data. Unless there is a spectacular interval (very large B fluctuations), there is no need to select magnetosheath turbulence right now.

1. If you encounter issues with EVA or submission/uplink, please alert Mitsuo Oka, Tai Phan, Rick Wilder, Barbara Giles, and Bob Ergun ([moka@berkeley.edu](mailto:moka@berkeley.edu), [phan@ssl.berkeley.edu](mailto:phan@ssl.berkeley.edu), frederick.wilder@uta.edu, [barbara.giles@nasa.gov](mailto:barbara.giles@nasa.gov), [Bob.Ergun@lasp.colorado.edu](mailto:Bob.Ergun@lasp.colorado.edu))
2. For questions about burst data selections or FOM guidelines, please email Tai Phan.

Thank you, Tai