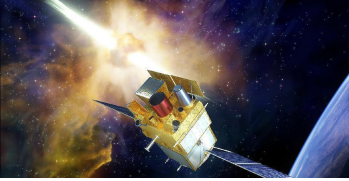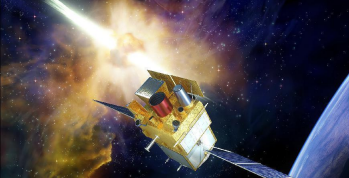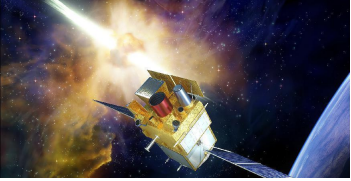# Conclusive words

Summary of the week

- We performed 4 Hands-on session to test iFSC-tools *(GRM only, ECLAIRs+slew, GRM first, ECLAIRs first degraded case - first time we see real life!)*

- We performed 2 Hands-on session to test the CSC BA tools

- We had a hands-on on the CNES SSTOMP tools

- We had a hands-on on the ToO-MM

- We finally got face-to-face chats at the coffee breaks and lunches (very much appreciated)
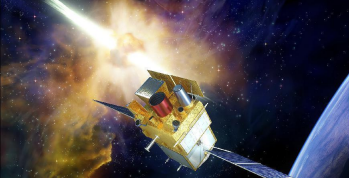
General feeling about the week

What else?

General feeling about the week

- It was **<u>crucial</u>** to have this meeting now with the scientists and dev together in the same room

- Fruitful discussion about the BA working procedure on both BA tools -> we can start writing more accurate guidelines for the BA!

- A lot of lessons learned and technical bugs identified during this week. Some could be fixed quickly during the week

- Again, these meetings are also crucial for establishing constructive feedbacks that can be turned into spec. for the dev.

- helpful discussion to understand the SVOM VHF system and the FSC/CSC interfaces
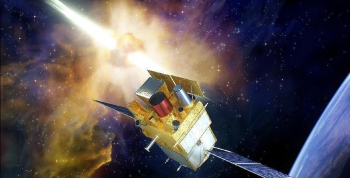
About iFSC-tools feedback

- some cosmetics modification especially about the light curve plots (*missing legend or contextual information, missing few display panels - combined ECL-GRM light curves*) and the localisation display *(less features than in Aladin)*

- There are some missing information about:
  - the trigger timescale (as it is specified in the GCNC template if we keep like this)
  - the number of GRDs that triggered
  - the info about which time bins were lost for the light curves due to VHF failure

- A clear need for the display of ECLAIRs and GPM count rates + space weather for more context

- The HE GCNC tool is very useful and already functional but needs to be simplified to be more user-friendly

- The live-tracking of the available packets and products was very appreciated

- **Apart from the missing display of "space environment" data, the iFSC-tools are already functional for the BA operations (HE trigger validation)**
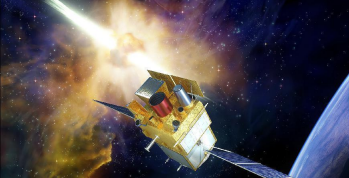
About CSC BA-tools feedback

- **Simplification of the validation process by providing an automatic mode for crossmatching the candidates to quickly visualize the multiple detections on a catalogued image and the associated combined light curves.** This is crucial to ease the BA job and allow him/her to prioritize the candidate checks. Probably this auto process will be used in most of the cases.

- Keep the manual validation mode (level 1, 2, 3) for the tricky case as it is.

- some minor cosmetics modifications were asked at different levels (buttons, lightcurve plot axis, image legend etc.)

- The BA guide presented by Xuhui and Liping is very useful

- Need to update the QCAND_VT (maybe combined with the QPO_VT) display (like the same done for CGFT)

- Nice GCNC template editing mode!

- **The main functionalities are implemented and almost functional (simplification is needed for some steps). Very nice to see that the interface becomes concrete**

About the SSTOMP feedback

- **We realize that it is a very import tools for the SVOM community to perform ToO and especially ToO-revisit. We need to train ourselves in using it again.**

- Very intuitive tool and easy to use!

- CNES need to rescale its server to absorb more user flux ;)

- Many functionalities are there between FSC and CSC

- Good to have an exercise by combining SSTOMP and BA tools for the GRB revisit. It makes the overall procedure (and especially the delays) more concrete

- **Need more work to finalize the FSC/CSC interfaces and the product displays. We will need to have other practice sessions once the tools will be fully functional**

Actions foreseen

- Clean the feedback document and turn ideas into concrete specs for the developers (**D. Turpin**)

- Write preliminary guidelines and check lists for the BA (**D. Turpin et al. for HE part/ L. Xin et al. for the optical part**). A wiki page?

- Continue these scientists/dev discussions during the upcoming weeks as it allows huge progress. JSOG meeting will restart, this is the right place to pursue the workshop discussions on some topics (**All**)

- Keep an eye on the daily tests and report any bugs in the iFSC-tools and CSC BA tools in the #ba_training mattermost channel (**All**)

- We did not discuss about the final BA report and the creation of a dedicated wiki page ? Needs to be discussed

- We did not discuss the BA working procedure to trigger follow-up with external facilities (contact SVOM PI proposals? We need to have a list of the accepted follow-up proposals and PI contact)

Svom

Thanks a lot for this very pleasant workshop!