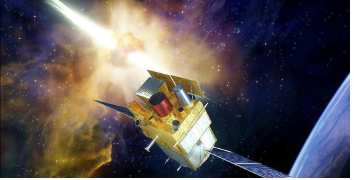
Hands-on sessions organization

When, What, How, Why ?



WHEN

for the Core Program (GRB) hands on

Tuesday 19th

09h00 — GRB scenario 1

10h30 — GRB scenario 2

12h00

14h00 — GRB scenario 3 + feedback

18h00

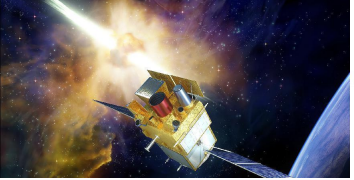
Thursday 21st

09h00 — GRB scenario 2 *degraded case*

12h30

14h00 — GRB scenario 3 *degraded case* + feedback

18h00



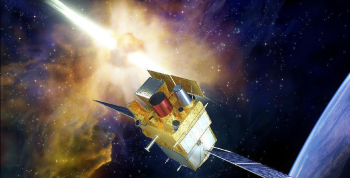
WHAT
for the Core Program (GRB) hands on

The GRB scenarios

- 3 different GRB scenarios will be run based on 3 realistic alert sequences (DC4 scenario)
- **you won't know in advance which sequence we will launch**

The BA group tasks

1. Identify which alert sequence is running
2. Use the iFSC-tools to validate the GRB origin of the trigger (look at the "*validating the GRB origin of a SVOM trigger"* slides)
3. Generate a high-energy GCN Circular with the tool developed at FSC (see Timothé Roland's talk)
4. Use the CSC BA tools to identify and characterize the optical counterpart of the SVOM trigger (see Xuhui Han's talk)
5. Generate an optical follow-up GCN Circular following the CSC template



HOW

for the Core Program (GRB) hands on

~80% of the hands on duration

STEP 1: PLEASE, FIND YOURSELF IN ONE OF THE GROUP LIST (ABCDEFGHI) *printed at the meeting room entrance*

STEP 2: MAKE THE GROUPS WITH AT LEAST 2 COMPUTERS/GROUP *(1 connected to the iFSC-tools and 1 connected to the CSC BA tools)*

STEP 3: WHEN ALL GROUPS ARE READY, WE LAUNCH A SEQUENCE! GOGOGO!!!

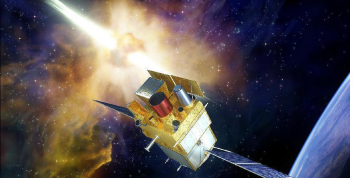
STEP 4: FOLLOW THE WORKING PROCEDURE dESCRIBED IN THE PREVIOUS TALKS TO MAKE YOUR BA JOB *(don't hesitate to ask the teachers)*

STEP 5: EDIT YOUR GCN CIRCULARS *(in a shared doc or FSC tools, see the links in Indico)*

~20% of the hands on duration

STEP 6: PREPARE YOUR FEEDBACKS *(in a shared doc, see the links in Indico)*

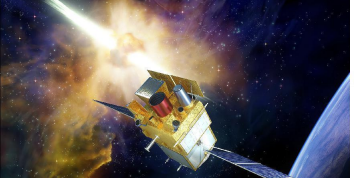
REMINDER: For any problem, don't hesitate to ask the teachers ;)



HOW
for the Core Program (GRB) hands on

Your 7 Teachers at your service :)

- *Bertrand Cordier (FSC):* ***GRB scenario and validation, trigger & VHF sequence***
- *Yulei Qiu (CSC):* ***VT pipeline, identification of the optical afterglow (OA)***
- *Xuhui Han (CSC):* ***CSC BA tools, OA validation***
- *Damien Turpin (FSC):* ***iFSC-tools, GRB scenario and validation, VHF sequence***
- *Henri Louvin (FSC):* ***FSC software architecture and VHF data processing***
- *Chrystel Moreau (FSC):* ***iFSC-tools dev.***
- *Timothé Roland (FSC):* ***FSC Notice and Circular services***



WHY

- Group together developers, instrument experts and BA manager to better understand each other's needs for the near future
- Provide practical feedbacks based on live beta tests
- Make real-time upgrades of our tools, if possible, and detect new bugs (hopefully few….)
- List the missing pieces of our follow-up system and tools
- Prepare a roadmap for the last development and validation steps at scientific levels