

# Urgent actions after an ECLAIRs trigger: EP & Swift ToO

## Hands-on session

BA-F training workshop



# Tools you'll need to do the exercises

1. Einstein Probe ToO web interface: [https://ep.bao.ac.cn/ep/proposal\\_submit/user\\_proposal\\_create\\_guide](https://ep.bao.ac.cn/ep/proposal_submit/user_proposal_create_guide)
2. GCN: <https://gcn.nasa.gov/circulars>
3. Mattermost training camp workshop channel <https://svack.lal.in2p3.fr/svom/channels/ba-f-training-camp-workshop> and reply into the EP/Swift ToO: hands-on channel (<https://svack.lal.in2p3.fr/svom/pl/8ctefqcxn7bwtm8fwymk983a3o>)
4. The googlesheet to report your results to the examiners: [https://docs.google.com/spreadsheets/d/1BQ\\_iAO6oRQheOGvdnEaJ0WijP4Tp3QiAhBjLrconces/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1BQ_iAO6oRQheOGvdnEaJ0WijP4Tp3QiAhBjLrconces/edit?usp=sharing)

## You're exercises for the next hour

### Case 1: What are the SVOM burst\_IDs for which EP has been automatically triggered?

1. Find 1 SVOM burst\_ID for which EP/FXT has been automatically triggered (use the EP web interface)
2. Report its burst\_id in the EP/Swift ToO [google sheet](#) tab
3. Report the expected Tstart of the observation in the EP/FXT ToO [google sheet](#) tab
4. Report your actions in the mattermost BA-F training camp channel ( reply to EP/Swift ToO: hands-on)

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### Case 2: What are the SVOM burst\_IDs for which EP has performed auto ToO with FXT?

1. Find 1 SVOM burst\_ID for which EP/FXT has actually performed an automatically triggered ToO (use the EP web interface)
2. Report its burst\_id in the EP/Swift ToO [google sheet](#) tab
3. Report the EP Obs\_ID of the observation in the EP/swift ToO [google sheet](#) tab
4. Report your actions in the mattermost BA-F training camp channel ( reply to EP/Swift ToO: hands-on)

## You're exercises for the next hour

### Case 3: What are the SVOM burst\_IDs for which we have requested a (re)visit?

1. Find 1 SVOM burst\_ID for which EP/FXT has been manually triggered (use the EP web interface)
2. Report its burst\_id in the EP/Swift ToO [google sheet](#) tab
3. Report the status of the ToO in the EP/Swift ToO [google sheet](#) tab
4. Has the observation truly been performed (yes/no)? [google sheet](#)
5. Report your actions in the mattermost BA-F training camp channel ( reply to EP/Swift ToO: hands-on)

# You're exercises for the next hour

## Case 4: Prepare a manual EP ToO for a SVOM Burst\_ID

1. Prepare a EP/ToO draft using coordinates of a SVOM burst (use the EP web interface)
2. Report its burst\_id in the EP/Swift ToO [google sheet](#) tab
3. Report the visibility status of your burst\_ID (yes/no) by EP/FXT in the EP/Swift ToO [google sheet](#)
4. Report your actions in the mattermost BA-F training camp channel ( reply to EP/Swift ToO: hands-on)

# You're exercises for the next hour

## Case 5: Check the results of the EP/FXT ToO observation for a SVOM burst\_ID

1. Choose a EP/FXT ToO observation of a SVOM burst\_ID (use the EP web interface)
2. Report if the Proposal title/EP Obs\_ID in the EP/Swift ToO [google sheet](#)
3. How many sources have been found by EP/FXT ? Report in [google sheet](#) tab
4. Report if there is a credible x-ray afterglow candidate\* in the EP/Swift ToO [google sheet](#)
5. Report the coordinates and quick flux of such candidate(s)\* in the EP/Swift ToO [google sheet](#)
6. Report your actions in the mattermost BA-F training camp channel ( reply to EP/Swift ToO: hands-on)

*\* Cheating Tips: You can check your results with the EP/FXT GCN Circular*

**Questions? Lost? Ask the examiners ;)**