

Cyril Lachaud

BA Organisation

BA Shifts

BA schedule available at : http://cmm.svom.cn/SVOM_BA_interface/BA_tools/iCalendar/SVOM_calendar/calendar/remote/remote.html

9 Chinese Shifters :

Jing Wang, WEI Jianyan, Xuhui HAN, Liping Xin, Damien Turpin, Chao Wu, Xiang-Gao Wang, Jirong Mao, Guangwei Li

23 European Shifter :

Sarah Antier, Nicolas Leroy, David Corre, Jean-Gregoire Ducoin, Cyril Lachaud, Alexis Coleiro, Stephane Schanne, Nicolas Dagoneau, Arnaud Claret, Bertrand Cordier, Jerome Rodriguez, Tatyana Sadibekova, Diego Gotz, Damien Dornic, Raphael Duque, Maria-Grazia Bernardini, Frederic Piron, Stephane Basa, Sebastien Guillot, Pierre Maggi, Emeric Le Floc'h

We will discuss the BA policy later but for SVOM operations we will need to have much more BA to reduce the individual load

BA Shifts

Next month calendar !

Oct 27, 2019	Mon 28	Tue 29	Wed 30	Thu 31	Nov 1	Sat 2
12:00am Damien Turpin (...) 10:00am Nicolas Dagonne (...) 10:00pm Damien Turpin (...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (...) 10:00pm Jing Wang (WEL...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (B...) 10:00pm Jing Wang (WEL...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (B...) 10:00pm Jing Wang (WEL...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (B...) 10:00pm Jing Wang (WEL...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (B...) 10:00pm Jing Wang (WEL...)	12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (B...) 10:00pm Jing Wang (WEL...)
3	4	5	6	7	8	9
12:00am Jing Wang (WEL...) 10:00am Arnaud Claret (...) 10:00pm Jing Wang (WEL...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)	12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordier... 10:00pm WEI Junyan (Jin...)
10	11	12	13	14	15	16
12:00am WEI Junyan (Jin...) 10:00am Bertrand Cordie... 10:00pm WEI Junyan (Jin...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)
17	18	19	20	21	22	23
12:00am Xuhui HAN (Lipt...) 10:00am Jerome Rodrigu... 10:00pm Xuhui HAN (Lipt...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)
24	25	26	27	28	29	30
12:00am Liping Xin (Xuhu...) 10:00am Tatyana Sadibe... 10:00pm Liping Xin (Xuhu...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)	12:00am Damien Turpin (...) 10:00am Diego Gotz (Da...) 10:00pm Damien Turpin (...)

2 BA shifts / day :

Chinese : 22h-10h UTC (6h-18h local time)

Europe : 10h-22h UTC (12h-24h local time in summer, 11h-23h in winter)

In addition Chinese have the duty scientist shifts during local night (usually during European shifts)

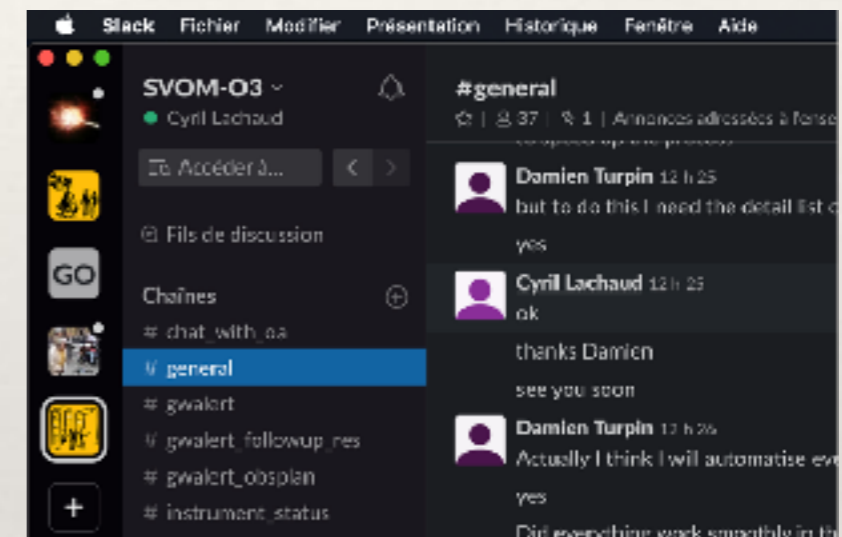
Tools

- ❖ BA Tools : monitoring + reporting

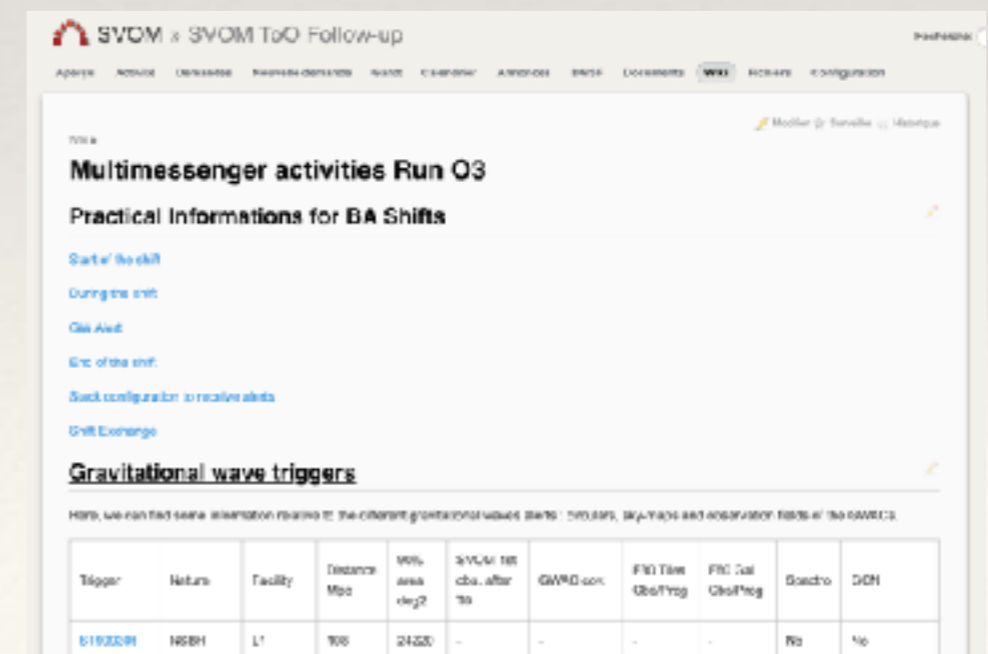


- ❖ Slack : discussions (critical, what if blocked ?)

Slack is a cloud-based set of proprietary team collaboration software tools and online services, developed by **Slack Technologies** headquartered in San Francisco, California after fully relocating its headquarter from Vancouver, British Columbia in 2017.



- ❖ Redmine Wiki : informations on shifts + summary for each alert



- ❖ Conference Tool : telecon on Wednesday (1/2)

Slack alternative ?

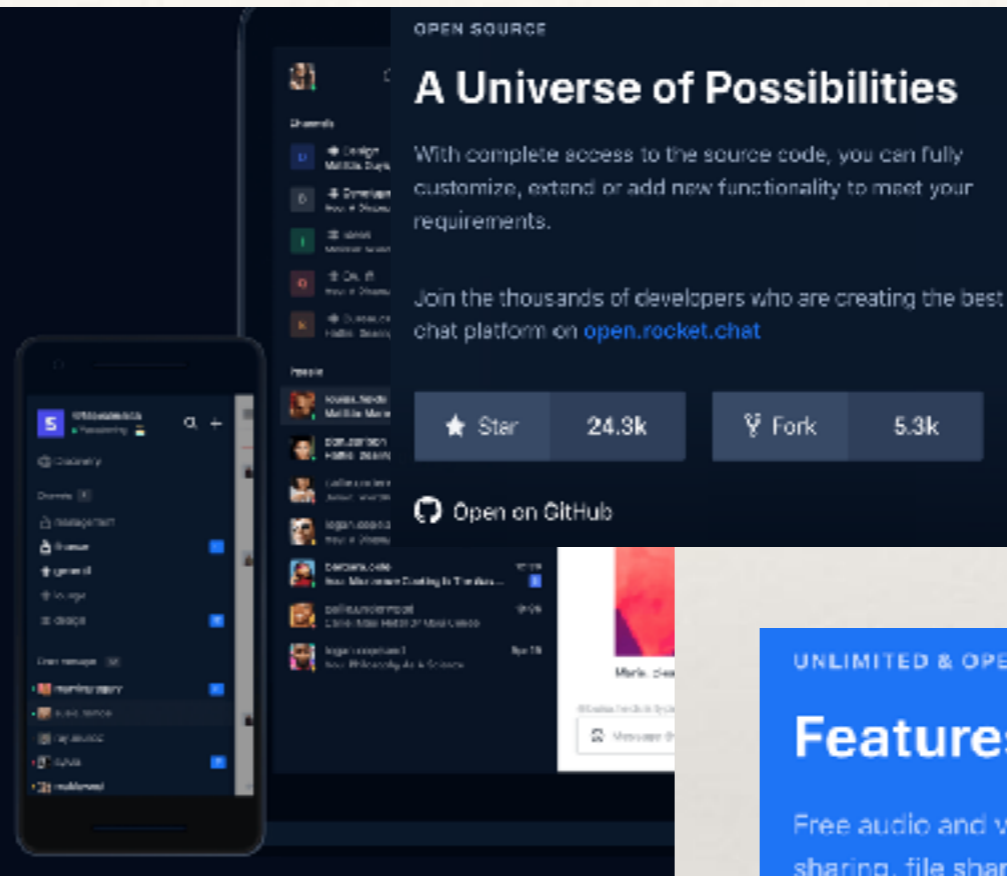


Open Source Team Communication

Rocket.Chat is free, unlimited and open source. Replace email, HipChat & Slack with the ultimate team chat software solution.

Start cloud trial

Install own server



FEATURE

Real-time translation

Rocket.Chat uses cutting edge machine learning for automatic real-time message translation between users.

Our user interface has been translated to over 50 languages, more than any other team chat service.

UNLIMITED & OPEN SOURCE

Features

Free audio and video conferencing, guest access, screen sharing, file sharing, LiveChat, LDAP Group Sync, two-factor authentication (2FA), E2E encryption, SSO, and dozens of OAuth providers.

Also includes unlimited:

Users

Messages

Channels

Guests

Searches

File uploads

Replace Email

Open up the conversation and remove the need for CC/BCC by using Rocket.Chat Channels and Private Groups to speak to your team openly for greater transparency.

Include relevant participants with the @username mention to notify those immediately. For important announcements to all members of a group, use @all. Full chat history allows participants to join and leave at any time.

Team Chat

Communicate and collaborate using team chat and switch to video or audio calls with screen sharing for more efficient teamwork.

Improve productivity by discussing and sharing ideas, projects and files with real-time or asynchronous team chat.

<https://rocket.chat>

BA for O3 tasks

- 1) Check the GW alert
- 2) Check the observation plan has been received
- 3) Check the duty scientist has seen the alert and takes the hand on observation
- 4) Reporting of informations in BA tools
- 5) Check observations on BA tools
- 6) Monitor GCN and report if something interesting
- 7) Wait for results
- 8) Prepare a GCN (manually with tables and sky maps provided by NAOC team)
- 9) Summary of the observations in Redmine WIKI

For O3 it has been recently decided (Damien et al. proposition) to have the BA to follow its alert up to the end (GCN, final analysis, publication).

Current list for GCN

To speed-up the GCN process, it has been decided to have the list of the names on a dedicated web page.

List available on : <http://www.svom.fr/en/svom-mma-and-gwac-team/>

The SVOM MMA and GWAC teams

These are the members of the SVOM Multi Messenger Astronomy and GWAC teams:

S. Antier (CNRS/APC), S. Basa (CNRS/LAM), M.-G. Bernardini (INAF), H. B. Cai (NAOC), A. Claret (CEA/AIM), A. Coleiro (CNRS/APC), B. Cordier (CEA/AIM), D. Corre (CNRS/LAL), N. Dagoneau (CEA/AIM), Z. G. Dai (NJU), J. S. Deng (NAOC), W. L. Dong (NAOC), D. Dornic (CNRS/CPPM), J.-G. Ducoin (LAL), R. Duque (CNRS/IAP), Q. C. Feng (NAOC), D. Gotz (CEA/AIM), S. Guillot (CNRS/IRAP), X. H. Han (NAOC), L. Huang (NAOC), L. Jia (NAOC), C. Lachaud (CNRS/APC), E. Le Floch (CEA/AIM), N. Leroy (CNRS/LAL), G. W. Li (NAOC), H. L. Li (NAOC), E. W. Liang (GXU), S. F. Liu (NAOC), X. M. Lu (NAOC), P. Maggi (CNRS/ObAS), J. R. Mao (YNAO), F. Piron (CNRS/LUPM), Y. L. Qiu (NAOC), J. Rodriguez (CEA/AIM), T. Sadibekova (CEA/AIM), S. Schanne (CEA/AIM), S. S. Sun (GXU), D. Turpin (NAOC), J. Wang (GXU), X. G. Wang (GXU), X. Y. Wang (NJU), J. Y. Wei (NAOC), C. Wu (NAOC), Y. J. Xiao (NAOC), L. P. Xin (NAOC), D. W. Xu (NAOC), Y. Xu (NAOC), Y. G. Yang (HBNU), P. P. Zhang (NAOC), R. S. Zhang (NAOC), T. C. Zheng (GXU), Y. T. Zheng (NAOC), S. C. Zou (NAOC).

List for GCN Composition

S. Antier (CNRS/APC), S. Basa (CNRS/LAM), M.-G. Bernardini (INAF), H. B. Cai (NAOC), A. Claret (CEA/AIM), A. Coleiro (CNRS/APC), B. Cordier (CEA/AIM), D. Corre (CNRS/LAL), N. Dagoneau (CEA/AIM), Z. G. Dai (NJU), J. S. Deng (NAOC), W. L. Dong (NAOC), D. Dornic (CNRS/CPPM), J.-G. Ducoin (LAL), R. Duque (CNRS/IAP), Q. C. Feng (NAOC), D. Gotz (CEA/AIM), S. Guillot (CNRS/IRAP), X. H. Han (NAOC), L. Huang (NAOC), L. Jia (NAOC), C. Lachaud (CNRS/APC), E. Le Floc'h (CEA/AIM), N. Leroy (CNRS/LAL), G. W. Li (NAOC), H. L. Li (NAOC), E. W. Liang (GXU), S. F. Liu (NAOC), X. M. Lu (NAOC), P. Maggi (CNRS/ObAS), J. R. Mao (YNAO), F. Piron (CNRS/LUPM), Y. L. Qiu (NAOC), J. Rodriguez (CEA/AIM), T. Sadibekova (CEA/AIM), S. Schanne (CEA/AIM), S. S. Sun (GXU), D. Turpin (NAOC), J. Wang (GXU), X. G. Wang (GXU), X. Y. Wang (NJU), J. Y. Wei (NAOC), C. Wu (NAOC), Y. J. Xiao (NAOC), L. P. Xin (NAOC), D. W. Xu (NAOC), Y. Xu (NAOC), Y. G. Yang (HBNU), P. P. Zhang (NAOC), R. S. Zhang (NAOC), T. C. Zheng (GXU), Y. T. Zheng (NAOC), S. C. Zou (NAOC).

Chinese : 32 (60.4%)

European : 21 (39.6%)

SVOM BA organization : discussion

- ❖ 1BA = 1 burst
- ❖ Damien raised concerns on the rule that 1 BA follows its burst up to the end in the SVOM era. Too much work on the first 48h (VHF + X-band + Ground telescopes).
- ❖ A Sino-french doublet taking care of the alert reduces dramatically the pressure... especially if another doublet is taking care of the end of the shift...
- ❖ Discussion !

SVOM BA organization : discussion

- ❖ New BA role : BA Manager
- ❖ Proposition by Xuhui of this new role. Its task is to be the central contact person. In case someone cannot be contacted through standard channels (BA, BA-A, IS), the BA Manager is able to contact rapidly anyone and will find a solution.
- ❖ The BA Assistant will help on the technical aspects and is an expert of the BA tools.
- ❖ Discussion !

Conclusion

- ❖ O3 is a very good opportunity for training the BA system
- ❖ The human aspect is very challenging for SVOM (1 burst/week + ToO) + Monitoring.
- ❖ We need to continue testing the BA system for the end of O3 and beyond with new rules if needed (1BA=1 burst)
- ❖ We need to increase the BA list and start the training of the future BAs