



X-IFU Consortium Meeting #14



X-IFU CONSORTIUM MEETING #14

29 NOV. - 3 DEC. 2021

	MONDAY 29 th	TUESDAY 30 th	WEDNESDAY 1 st	THURSDAY 2 nd	FRIDAY 3 rd	
9:00 - 12:00	-	-	XSAT	-	-	
BREAK						
14:00 - 15:00	(starts at 13:00) X-ISC	XSAT + Science-Cols	XSAT	-	-	
15:00 - 18:30	Plenary Session 1	Plenary Session 2	Plenary Session 3	Technical Session	XFA/ XCoB	XCiT

All times are given in CET.



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PLENARY 1 - MONDAY 29TH

- 15:00** **Welcome & Logistics**
Maëva Voltz
- 15:10** **Consortium updates**
Didier Barret
- 15:30** **Project updates**
Vincent Albouys
- 16:00** **X-IFU Life Cycle Analysis**
Xavier Loizillon
- 16:20** **Coffee Break**
- 16:50** **Athena spacecraft study updates**
Mark Ayre (TBC)
- 17:10** **Payload-SIM study update**
Mei Mei Stienstra (TBC)
- 17:40** **WFI updates**
Arne Rau
- 18:00** **Lightning talks | 10min each**
M. Ceballos • Testing processing algorithms over real data
- 18:10** **End**

PLENARY 2 - TUESDAY 30TH

- 15:00** **Instrument engineering**
Jean-Michel Mesnager / Jan-Willem den Herder
- 15:30** **System-interface WG & SIM interfaces**
Alice Pradines
- 16:00** **Performance WG report**
Philippe Peille / Roland den Hartog
- 16:30** **Coffee Break**
- 17:00** **TES-Detection chain WG report**
Brian Jackson / Frank Brachet
- 17:30** **AIV approach for X-IFU**
Christophe Daniel
- 18:00** **Lightning talks | 10min each**
I. Vera Trallero • Cryostat for 2K core calibration
- 18:10** **End**



Zoom: <https://cnrs.zoom.us/j/92177491112>



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PLENARY 3 - WEDNESDAY 1ST

- 15:00** **Accretion and ejection phenomena in AGN:
X-IFU and multifrequency synergies**
Francesca Panessa
- 15:30** **Athena mission performance & Redbook**
Matteo Guainazzi (TBC)
- 16:00** **XSAT report**
Massimo Cappi / Etienne Pointecouteau
- 16:20** **Coffee Break**
- 16:50** **XCAT report**
François Pajot
- 17:10** **X-ISC report**
Natalie Webb / Desi Raulin
- 17:25** **Communication & Outreach**
Maëva Voltz
- 17:40** **Lightning talks | 10min each**
S. Lotti • X-IFU particle background
G. Matzeu • X-Ray Accretion Disk-wind Emulation
- 18:00** **Conclusions & Way forward**
Vincent Albouys / Didier Barret
- 18:15** **End**

TECHNICAL SESSION - THURSDAY 2ND

- 15:00** **FPA design and development**
Henk van Weers
- 15:15** **FPA-DM**
Roland den Hartog
- 15:30** **TES microcalorimeters**
Simon Bandler
- 15:45** **TDM chip development**
Malcolm Durkin
- 16:00** **Digital Readout Electronics**
Laurent Ravera
- 16:15** **Warm Front End Electronics**
Damien Prêle
- 16:30** **Coffee Break**
- 16:50** **CryoAC**
Claudio Macculi
- 17:05** **Thermal filters**
Marco Barbera
- 17:20** **SubK**
Jean-Marc Duval
- 17:35** **Aperture cylinder**
Tanguy Thibert
- 17:50** **2k core design**
Irwin Maussang
- 18:05** **End**

 Zoom: <https://cnrs.zoom.us/j/92177491112>



ZOOM GUIDELINES

PARTICIPANTS

This section presents guidelines for **all participants**.

Before the meeting

- Download the Zoom app on your computer or phone. You can also connect through your web-browser but we recommend using the app;
- Make sure your sound system is working correctly.

When connecting to the meeting

- It is mandatory to write your first and last name as login info so that we know who joins the meeting;
- Make sure your microphone is on Mute;
- Wait until the host admits you in the meeting.

For questions

- Questions will only be answered once the speaker has finished his presentation;
- You can either use the “raise your hand” option or write in the chat section;
- Only unmute your microphone when your name is called by the Chair;
- Mute your microphone as soon as you are done and remove the raised hand;
- For further questions or comments, you can use the Slack channel **#cm14**.

Breakout rooms

- Breakout rooms are available upon request.

If you have any questions or encounter technical issues during the meeting, please contact us at xifu@irap.omp.eu or through the Slack channel **#helpdesk**.



ZOOM GUIDELINES

SPEAKERS

This section presents guidelines for **speakers**.

Before the meeting

- You are requested to send your presentation in PDF to xifu@irap.omp.eu (at the latest the day before). For the name of the document, follow these rules: “title-of-presentation_your-last-name_CM14” (e.g., Consortium-update_Barret_CM14);
- Make sure your material is working correctly (audio, microphone, webcam, etc.).



During your presentation

- Turn on your audio and video when it is your time to speak;
- Stick to your allocated time and follow the Chair's instructions.

Slack

- As speakers, we kindly ask that you make yourself available to answer questions and comments on the Slack channel **#cm14**.

If you have any questions or encounters technical issues during the meeting, please contact us at xifu@irap.omp.eu or through the Slack channel **#helpdesk**.



SLACK GUIDELINES

PARTICIPANTS






General instructions

- You can join the Slack workspace athenaxifu.slack.com through the invitation email that you will receive before the CM. If you had joined the workspace during previous CMs, we will use the same one, so there is no need to join again;
- If you are not familiar with Slack, you can check the [documentation](#) online. We are highlighting here the main features of our workspace.

Channels

- **#cm14** for discussions about the various sessions (e.g., questions, comments, etc.);
- **#helpdesk** is the channel for any issues or questions that you might have regarding Slack or Zoom;
- We can also create an additional channel for you upon request.

Recommendations

- Please use the “Begin thread” option  as much as possible to group discussions into threads. The option appears when you hover your mouse over a post;
- If you have a question or a comment for a specific person, you can tag them by writing @ before their name. They will get a notification;
- Feel free to use the emojis reactions     options. They are a quick and simple way to respond to any messages in Slack.

If you have any questions or encounters technical issues during the meeting, please contact us at xifu@irap.omp.eu or through the Slack channel **#helpdesk**.



See you soon online!



x-ifu.irap.omp.eu



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