



X-IFU Consortium Meeting #17

November 20th to 22nd, 2023

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Dear Consortium,

We are delighted to invite you to the next Consortium Meeting, to be held online from **November 20th to 22nd, 2023**. Please find in this document all the information you need to participate, such as the **detailed program of the presentations** and **instructions for using the digital tools**. We remain at your disposal should you have any questions related to CM17, and we look forward to seeing many of you next month! The meeting will take place after the **November meeting of the ESA Science Program Committee** which we hope will give the green light for Athena to start an accelerated phase A/B1 with the Primes.

Agenda

	Monday 20 th	Tuesday 21 st	Wednesday 22 nd
14:00	Plenary session 1	Plenary session 2	Plenary session 3
15:00			
16:00			
17:00			
18:00			

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Plenary 1 - Monday 20th

Total duration: 3h10

All times are given in CET

14:30

X-IFU Consortium news

Didier BARRET - *IRAP, France*

14:40

X-IFU Project news

Vincent ALBOUYS - *CNES, France*

14:50

Athena status

Frédéric SAFA - *ESA*

15:10

The Athena redefined science case

Matteo GUAINAZZI - *ESA*

15:40

Classic music break

16:10

Athena optics development

Max COLLON - *Cosine, Netherlands*

16:30

WFI Update

Arne RAU - *MPE Garching, Germany*

16:45

XSAT report

Massimo CAPPI - *INAF-OAS Bologna, Italy*

17:00

XCAT report

François PAJOT - *IRAP, France*

17:15

WHIM, CGM and AGN Feedback

Joop SCHAYE - *Leiden Observatory, Netherlands*

17:40

End of the session

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Plenary 2 - Tuesday 21st

Total duration: 4h

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|-------|--|
| 14:00 | Instrument status (including the 4K Core)
Philippe PEILLE - <i>CNES, France</i> |
| 14:30 | X-IFU external Interfaces
Alice PRADINES - <i>CNES, France</i> |
| 14:45 | Performance status
Edoardo CUCCHETTI - <i>CNES, France</i> |
| 15:00 | Procurement / Schedule status
Elise BELLOUARD - <i>CNES, France</i> |
| 15:15 | Demonstration
Christophe DANIEL - <i>CNES, France</i> |
| 15:30 | The Focal Plane Assembly
Brian JACKSON - <i>SRON, Netherlands</i> |
| 15:45 | Music break |
| 16:15 | The TES array and the TDM readout
Simon BANDLER - <i>NASA/GSFC, USA</i> (covering Randy DORIESE) |
| 16:40 | The AMP SQUIDS
Muhammad Qazi ADIL - <i>VTT, Finland</i> |
| 16:55 | The Warm Front End Electronics
Damien PRÊLE - <i>APC, France</i> |
| 17:10 | The Digital Readout Electronics
Laurent RAVERA - <i>IRAP, France</i> |
| 17:25 | The event processor algorithm
Maité CEBALLOS - <i>IFCA (CSIC-UC), Spain</i> |
| 17:35 | The event processor
Frédéric PINSARD - <i>DAP-AIM, France</i> |
| 17:45 | The Row Address and Synchronization module
Jan SOUCEK - <i>IAP, Czech Republic</i> |
| 18:00 | End of the session |

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Plenary 3 - Wednesday 22nd

Total duration: 3h45

- 14:30** **The cryo-AC and its readout (WFEE+WBEE)**
Claudio MACCULI - *INAF-IAPS, Italy*
- 14:55** **The Instrument Control Unit**
Eduardo MEDINACELI - *INAF-OAS Bologna, Italy*
- 15:10** **Calibration source and FPA auxiliary board**
Jan-Willem DEN HERDER - *SRON, Netherlands*
- 15:15** **The Filter Wheel**
Enrico BOZZO - *Univ. Genève, Switzerland*
- 15:30** **Thermal filters**
Marco BARBERA - *Univ. Palermo-Obs Palermo*
- 15:45** **The 4K cooler and drive electronics**
Michael DIPIRRO - *NASA/GSFC, USA*
- 16:00** **Music break**
- 16:30** **The multi-stage ADR**
Jean-Marc DUVAL - *CEA-DSBT, France*
- 16:45** **The Dewar Entrance Assembly**
Tanguy THIBERT - *CSL, Belgium*
- 17:00** **The 4K Core controller**
Frédéric PINSARD - *DAP-AIM, France*
- 17:15** **The cold harnesses**
Céline CENAC-MORTHE - *CNES, France*
- 17:30** **Communication Plan**
Maélyss LARRIEU - *IRAP, France*

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Plenary 3 - Wednesday 22nd

17:45

The impact of air travels on the academic carbon footprint

Alexandre SANTERNE - LAM

18:00

Concluding remarks and way forward

Didier BARRET - IRAP, France

Vincent ALBOUYS - CNES, France

18:15

End of the Consortium meeting

About presentations

- If you are a **speaker**, we kindly ask you to **send us your presentation material in PDF** at xifu@irap.omp.eu, at the latest the day before. For the name of the document, please follow these rules: "title-of-presentation_your-last-name_CM17" (e.g., Consortium-update_Barret_CM17)
- 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.
- As speakers, we kindly ask that you **make yourself available to answer questions** and comments on the **Slack channel #cm17**.
- As with previous Consortium meetings, documents will be archived on CapLinked.
- On CapLinked, in the X-IFU COMMUNICATION/Zoom Wallpapers folder, you'll find **a bank of Zoom wallpapers** you can use during sessions.

Zoom 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 **material is working correctly** (audio, microphone, webcam, etc.)

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**;
- 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 your are done and remove the raised hand;
- For further questions or comments, you can use the **Slack channel #cm17**

Breakout rooms:

- Breakout rooms are available upon request.

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



For all 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:

- **#cm17** 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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