

# CLAS Collaboration Students & Postdocs Meeting

Mathieu Ouillon, Students & Postdocs representative  
CLAS collaboration meeting – Jefferson Lab

29<sup>th</sup> of June 2026

Jefferson Lab



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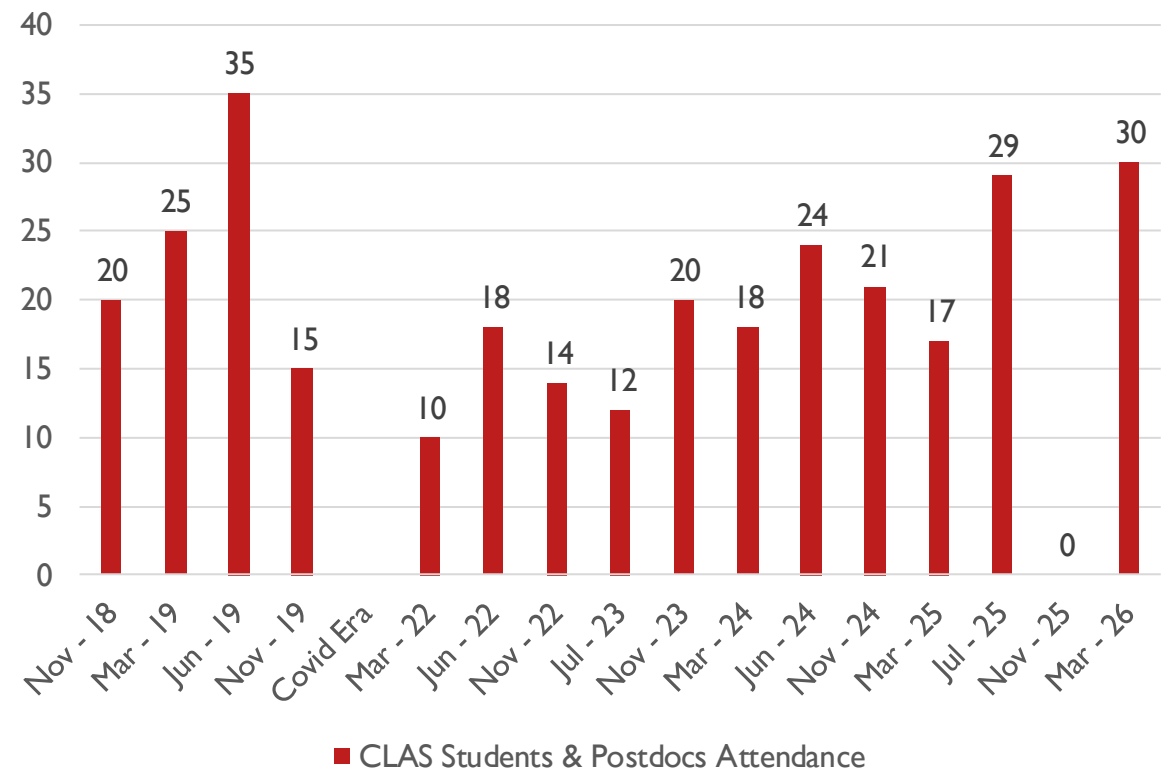
Open session

*Help yourself to Pizza\*!*

# A bit of history...

- Started in the early 2010s.
- The tradition died out...
- ...and was revived in 2018 by Raffaella De Vita.
- William Phelps hosted 4 meetings, until Covid stroke.
- Taya Chetry hosted post-Covid meeting until the collaboration meeting in July 2023.
- Pierre Chatagnon picked it up for a couple of CLAS meetings.
- Richard Tyson picked it up until Jul - 25
- Then Mathieu Ouillon picked it up until Jun - 26

CLAS Students & Postdocs Attendance



# Welcome to the collaboration !

- New members ? Introduce yourself if you wish to do so.
- Join the mailing list!! (Applies to existing members too 😊 )  
[https://mailman.jlab.org/mailman/listinfo/clas\\_students\\_postdocs](https://mailman.jlab.org/mailman/listinfo/clas_students_postdocs)

## CLAS collaboration information

- **Welcome to the Collaboration**

[https://wiki.jlab.org/clas\\_chair/images/d/d6/Welcome\\_to\\_the\\_CLAS\\_Collaboration.pdf](https://wiki.jlab.org/clas_chair/images/d/d6/Welcome_to_the_CLAS_Collaboration.pdf)

- **Main pages**

<https://www.jlab.org/physics/hall-b>

<https://www.jlab.org/physics/hall-b/clas12>

[https://clasweb.jlab.org/wiki/index.php/Main\\_Page](https://clasweb.jlab.org/wiki/index.php/Main_Page)

- **Phonebook** (publication opt-in)

<https://clasweb.jlab.org/membership/phonebook.php>

- **CLAS speaker committee**

[https://clasweb.jlab.org/csc/wiki/index.php/Main\\_Page](https://clasweb.jlab.org/csc/wiki/index.php/Main_Page)

## JLab materials

- **Mailing list**

<https://mailman.jlab.org/mailman/listinfo>

See the one page summary for relevant CLAS12 mailing lists

- **Graduate Student and Postdoc Association (GSPDA)**

Monthly free-lunch seminar for students and postdoc at JLab

[https://gspda.jlab.org/wiki/index.php/Main\\_Page](https://gspda.jlab.org/wiki/index.php/Main_Page)

- **Market place**

Internal JLab marketplace

<https://misportal.jlab.org/ul/apps/classifieds/>

- **JLab activity group**

<https://www.jlab.org/lab/jag>

# Student & Postdoc Committee

## S&P Committee

- Brandon Tumeo ([btumeo@jlab.org](mailto:btumeo@jlab.org)) ⇒ Co-Representative.
- Kayleigh Gates ([kayleigh@jlab.org](mailto:kayleigh@jlab.org)) ⇒ Member at Large Representative.
- Simone Vallarino ([valla@jlab.org](mailto:valla@jlab.org)). ⇒ Member at Large Representative.

## S&P Representative

I will be stepping down from my position by **31 July 2026**, so we will need to hold a new election in now. It's time to vote!

One candidate made himself known to me:

**Darren Upton**

Any others in the audience?

Reminder of responsibilities:

- Organize meetings (**pizza**) and social events.
- Represent S&P during CCC meetings.
- Bring up potential issues to the collaboration.
- Help other S&P with general info.
- Ideally able to come to most collaboration meetings.
- Not a lot of work, looks good on your CV!

## Questions ? Feedbacks ? Issue ?

- For issues which need private resolutions:
  - Contact Bryan (Collaboration Chair) ([bryan.mckinnon@glasgow.ac.uk](mailto:bryan.mckinnon@glasgow.ac.uk)).
  - Contact myself ([ouillon@jlab.org](mailto:ouillon@jlab.org)).
  - Contact Nathan for software info ([baltzell@jlab.org](mailto:baltzell@jlab.org)).
- Join the [mailing list](#) !!

# Two tools worth knowing

## New HIPO4 C++ documentation

- Columnar I/O library for CLAS12 HIPO data – now with real docs, recipes and a chain-based quick start.
- **Docs:** [pages.jlab.org/hallb/cls12/hipo-cpp](https://pages.jlab.org/hallb/cls12/hipo-cpp) • **Code:** [code.jlab.org/hallb/cls12/hipo-cpp](https://code.jlab.org/hallb/cls12/hipo-cpp)

## Iguana

- Shared library of common analysis algorithms: fiducial cuts, momentum corrections, kinematics, z-vertex filters...
- Stop re-implementing the same cuts – use the validated, centralized versions (C++ & Python).
- **Code:** [code.jlab.org/hallb/cls12/iguana](https://code.jlab.org/hallb/cls12/iguana)

# Quick round: what's bugging you?

## What's the most annoying thing in your analysis right now?

- Let's go around the room.
- Chances are someone here has hit the same wall – and already fixed it.
- Usual suspects: messy banks, fiducial / momentum cuts, slow I/O, environment setup, missing docs.
- We'll note recurring pain points and follow up on the forum / at office hours.

# How to ?

- **Be a collaboration member/author:**
  - Listen to Bryan introductory speech and read his slides on Friday.
  - Apply to membership as early as possible (Push your supervisor to apply for you to the membership committee).
  - You have to aim for 0.25 FTE of service work for membership.  
<https://www.jlab.org/Hall-B/shifts/index.php?display=admin&task=clas12tasks>
  - Opt-in for publication.  
<https://clasweb.jlab.org/membership/phonebook.php>
- **Go to conferences:**
  - Get your results approved by your working group.
  - Notify the CSC about your talk, ideally as soon as your abstract is accepted.  
[https://clasweb.jlab.org/csc/wiki/index.php/Main\\_Page](https://clasweb.jlab.org/csc/wiki/index.php/Main_Page)
  - Optionally get money from the JSA Travel Grant (up to 1000\$):  
[https://wiki.jlab.org/cugwiki/index.php/Junior\\_Scientist\\_Travel\\_Support](https://wiki.jlab.org/cugwiki/index.php/Junior_Scientist_Travel_Support)

- **Use CLAS12 software:**
  - Use the wiki page.  
[https://clasweb.jlab.org/wiki/index.php/CLAS12\\_Software\\_Center](https://clasweb.jlab.org/wiki/index.php/CLAS12_Software_Center)
  - Interact on the forum.  
<https://clas12.discourse.group/top?period=all>
  - Attend office hours.  
[https://clasweb.jlab.org/wiki/index.php/CLAS12\\_Software%26Computing\\_Office\\_Hours](https://clasweb.jlab.org/wiki/index.php/CLAS12_Software%26Computing_Office_Hours)
- **Be prepared for shifts:**
  - Make sure your trainings are up to date.  
[https://www.jlab.org/Hall-B/shifts/index.php?doc=shift\\_requirements](https://www.jlab.org/Hall-B/shifts/index.php?doc=shift_requirements)
  - Take your missing trainings.  
[https://www.jlab.org/human\\_resources/training/webbasedtraining](https://www.jlab.org/human_resources/training/webbasedtraining)
  - Check the shift schedule.  
<https://www.jlab.org/Hall-B/shifts/>
  - Read the run wiki page.  
[https://wiki.jlab.org/clas12-run/index.php/Run\\_Group\\_D](https://wiki.jlab.org/clas12-run/index.php/Run_Group_D)  
<https://www.jlab.org/physics/hall-b/run>
  - Read the logbook from the previous shifts.  
<https://logbooks.jlab.org/book/hallb>