

CLAS Collaboration Meeting

July 10-13, 2018



- Report from CCC meeting
 - New Institution Applications
 - Software in the Collaboration
 - Service Work tasks
 - CSC members renewal
 - Announcements from Jlab User Organization
- Next CLAS meeting dates

Application for CLAS membership by new Institutions:

- Lamar University presented by Phil Cole
- University of York presented by Daniel Watts
- Duquesne University presented by Fatiha Benmokhtar

Procedure:

- Presentation of the group research interests, current and future plans, software and hardware contributions, ... to the Collaboration for open discussion
- Application to be discussed (and approved) by the CLAS Coordinating Committee
- Membership for scientists who are currently collaboration members will be transferred to the new Institutions
- Other scientists from the new Institutions can apply for Term membership

APPROVED

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New Institutions encouraged to develop MOUs

- Making “software” more central to the organization of the CLAS Collaboration:
 - Should the Software Group be one of the Collaboration bodies as defined in our Charter?
 - Should the Collaboration nominate regularly a Software Coordinator or Liaison?
 - What should be the role of this person in relation to the Hall B software architect?

- Nominate a committee of 3 collaborators to elaborate a proposal on how to integrate this in the charter/bylaws
- Presentation at the next meeting
- If endorsed, vote at the following meeting

Service work tasks



- List of high-priority service work tasks for the next 6-9 months developed based on input from CLAS12 software, calcom and detector groups
- Collaborators invited to select tasks from the list to complete their service work requirements
- Contact person defined for each task to provide all the necessary information and supervision
- Positive feedback so far, some tasks still available
- Updated list to be made available before next SOS deadline
- Should selecting tasks from the list for a fraction of the required SW become mandatory?

<https://www.jlab.org/Hall-B/shifts/index.php?display=admin&task=clas12tasks>

Subsystem	Task	Description	Category	FTE/year	Contact(s)	Due date	Recurrence	Responsible
SOFTWARE		Update the COATJAVA clas12fastmc: 1) complete implementation of central detector and forward tagger, 2) implement realistic detector resolutions, 3) implement dead detector elements/inefficiencies Expertise required: Java	Software	0.200	Gagik Gavalian (Nathan Baltzell)	September 30, 2019	Over the coming 4 months	none
DETECT		FTOF: Calibrator for fall RG-A run Expertise required: None	Software	0.400	Daniel Carman	March 31, 2019	Between Aug. 2018 and March 2019	none
DETECT		CTOF: Calibrator for fall RG-A run Expertise required: None	Software	0.400	Daniel Carman	March 31, 2019	Between Aug. 2018 and March 2019	none
DETECT		CND Calibration for RG-A Expertise required: None	Software	0.200	Silvia Niccolai	February 28, 2019	Over the coming 9 months	YEREVAN (Natasha Dashyan) since May 23, 2018
DETECT		FTOF/CTOF hardware on-call Expertise required: None, commitment requested is 1 month for 4 people	Hardware	0.100	Daniel Carman	Dec 31, 2018	Between Aug. and Dec. 2018	none
SOFTWARE		Development of unit/advanced test for all reconstruction services Expertise required: Java	Software	0.300	Nathan Harrison	Nov 30, 2018	Over the coming 6 months	none
SOFTWARE		Validation of new releases by running the simulation/reconstruction chain for specific final states, monitoring efficiency and resolution Expertise required: Coding	Software	0.300	Nathan Harrison	Nov 30, 2018	Over the coming 6 months	SCAROLINA (Nicholas Tyler) since May 22, 2018
SOFTWARE		Code debugging, coverage and spotbugs analysis Expertise required: Java	Software	0.300	Nathan Harrison	Nov 30, 2018	Over the coming 6 months	none
RECON		Validate pattern recognition using road maps Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
CALIB		Systematic studies of Engineering run data Expertise required: Data analysis	Software	0.150	Daniel Carman	Nov 30, 2018	Over the coming 6 months	none
DETECT		FMT data analysis and calibration Expertise required: Data analysis	Software	0.250	Maxime Defurne	Nov 30, 2018	Over the coming 6 months	none
RECON		Develop energy loss package Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
RECON		Develop multi-vertex package Expertise required: Java	Software	0.200	Veronique Ziegler	Nov 30, 2018	Over the coming 6 months	none
DETECT		RICH: analysis of the detector response to electrons for calibration purposes Expertise required: Java/Root or Groot	Software	0.200	Marco Contalbrigo	Nov 30, 2018	Over the coming 6 months	none

- WG representatives/alternates
 - HS: A. D'Angelo (confirmed) and L. Guo (new)
 - DP: C. M. Camacho (confirmed) and A. Movsisyan (new)
 - NP: L. Elfassi (confirmed), M. Hattawy (new)
- Members at Large:
 - Latifa Elouadhriri - At Large 1
 - Eugene Pasyuk - At Large 2
 - Bryan McKinnon - At Large 1
 - Yordanka Ilieva - At Large 2
- Assuming, 50% of the WG representatives/alternates will be confirmed for a new term, shall we proceed to renew 50% of the members at large?

(previously JLab User Group).

- We do (i) bring users together, (ii) represent users to the lab and (iii) represent the lab and users to Congress, DOE and NSF. Learn more about us at <https://wiki.jlab.org/cugwiki/>
- Outreach efforts toward legislators are enormously useful to help secure robust funding. Participate to the Nuclear Physics day on the Hill, write letters to your representative. You will receive an email from Lamiaa ElFassi encouraging you to register your non JLab email address* to a SURA mailing list to be informed of these activities. Do register! The same email will encourage you to join the APS/ Group on Hadron Physics (GHP). A vibrant GHP group is good for our community: do join!
- Those days we are especially interested in hearing about your experience/ thoughts on with experiment scheduling, JLab open data practices, diversity and inclusion at the lab, getting visa to come on site, and the catering of meetings at JLab. But we are also eager to hear about any other ideas/concerns/comments you want to share. Do contact us with comments, concerns and questions.

* About non-jlab addresses: one is not allowed to use federal resources to lobby for federal funds or organize a lobbying effort. One's JLab address is such a federal resource. A university email address is ok, a personal email address is even better. I personally use my ohio.edu address.

Events in the October-November period

- October 23-27: DNP
- October 30 - November 2: EIC accelerator meeting
- November 5-9: PANDA meeting (CLAS has been invited)
- November 11-17: QNPI8

Next CLAS meetings:

- November 13-16
- February 19-22 or March 5-8
- June 11-15 or 18-22