



CalCom and Software Session

June 22, 2022



Agenda

08:00 → 10:55	Collaboration Meeting - Software and Calcom Convener: Raffaella De Vita (INFN - Genova)
08:00	Introduction
08:05	CalCom status update Speaker: Daniel Carman (JLab)
08:30	DC calibration status Speaker: Florian Hauenstein (Old Dominion University)
08:50	Pass2 preparation status Speaker: Raffaella De Vita (INFN - Genova)
09:05	Pass2: CVT reconstruction and alignment Speaker: Veronique Ziegler (Jefferson Lab)  CBCVT22062022.p...
09:20	Pass2: DC reconstruction optimization for processing time speedup Speaker: Bruno Benkel (Student)  dc_tracking_optimi...
09:35	Pass2: Event Builder updates Speaker: Nathan Baltzell (Jefferson Lab)
09:50	Tracking in CLAS12 using AI Speaker: Gagik Gavalian (Jefferson Lab)
10:20	GEMC news Speakers: Maria Zurek (Argonne National Laboratory), Maurizio Ungaro (Jefferson Lab)
10:35	Computing news Speaker: Nathan Baltzell (Jefferson Lab)

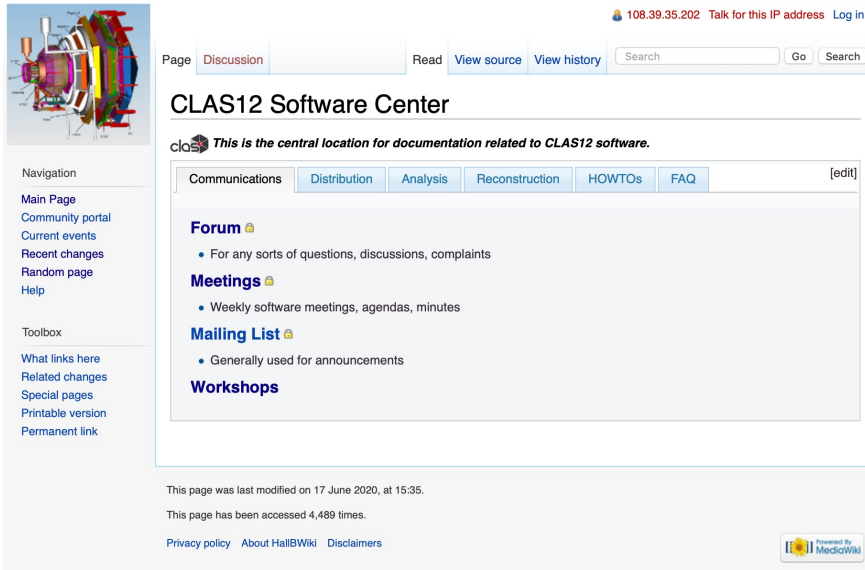
Topics:

- **Pass2 preparations:**
 - Calibration plan
 - Latest calibration improvements (DC)
 - DC alignment
 - Software readiness and latest reconstruction developments
- **New developments in AI applied to tracking**
- **GEMC news**
- **Computing news**

Software working group business

- Election of SWG Chair this summer:
 - Term of current chair ending on August 31
 - Nominating committee in place (Derek Glazier and Nathan Baltzell) to identify candidates
 - Deadline for nomination set to Friday (email reminder circulated yesterday)
 - Election by electronic ballot in July (details will follow)

Documentation & Co

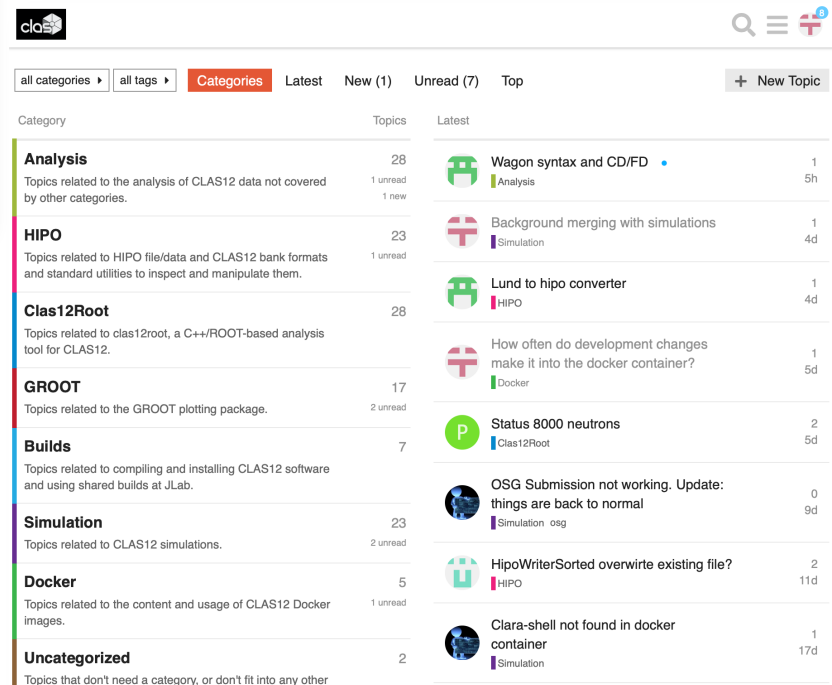


The screenshot shows the Discourse forum page for the CLAS12 Software Center. The page title is "CLAS12 Software Center" and it includes a navigation menu with options like "Main Page", "Community portal", "Current events", "Recent changes", "Random page", "Help", "Toolbox", "What links here", "Related changes", "Special pages", "Printable version", and "Permanent link". The main content area features a "Forum" section with sub-sections for "Meetings", "Mailing List", and "Workshops". A meta-information box at the bottom indicates the page was last modified on 17 June 2020 and has been accessed 4,489 times.

Discourse forum for software related questions and communications

Centralized software wiki:

https://clasweb.jlab.org/wiki/index.php/CLAS12_Software_Center



The screenshot displays the CLAS12 Software Center wiki index page. It features a search bar, a navigation menu, and a list of topics categorized by subject. The categories include Analysis, HIPO, Clas12Root, GROOT, Builds, Simulation, Docker, and Uncategorized. Each category lists the number of topics, unread topics, and new topics. The right side of the page shows a list of recent topics with their titles, categories, and timestamps.

Category	Topics	Latest
Analysis	28 1 unread 1 new	Wagon syntax and CD/FD • Analysis 5h
HIPO	23 1 unread	Background merging with simulations Simulation 4d
Clas12Root	28	Lund to hipo converter HIPO 4d
GROOT	17 2 unread	How often do development changes make it into the docker container? Docker 5d
Builds	7	Status 8000 neutrons Clas12Root 5d
Simulation	23 2 unread	OSG Submission not working. Update: things are back to normal Simulation osg 9d
Docker	5 1 unread	HipoWriterSorted overwrite existing file? HIPO 11d
Uncategorized	2	Clara-shell not found in docker container Simulation 17d