

Table of Contents

50 Recent Changes in BL4S Web.....	1
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50 Recent Changes in BL4S Web

MajorTasks2019

r52 - 2019-09-12 - 16:53 PaulJeanSchutze

Overview of vacations / absences Who When (inclusive dates) Contact channel Paul 20.08 30.08 Mobile (only if really necessary) Crist...

BL4SDataAnalysis2019

NEW - 2019-08-15 - 10:48 MarkusJoos

BL4S 2019 Data Analysis Schedule Note: The earliest moment for beam is Saturday, 19.10. All students are invited to the control room for the first beam. Data...

WebHome

r68 - 2019-08-15 - 10:37 MarkusJoos

This TWiki page is meant to hold various know how knowledge. Please check the following document for details about BL4S organization: file on the Git repository `Documents...

RawDataFormat

r5 - 2019-07-08 - 09:46 CristovaoDaCruzESilva

Raw Data Format In 2019, there was a restructuring and consolidation of the code, meaning that some of the format of the events has changed, hopefully for the better...

WebStatistics

r1068 - 2019-06-14 - 10:15 TWikiAdminUser

Statistics for BL4S Web Month: Topic views: Topic saves: File uploads: Most popular topic views: Top contributors for topic save and...

2017ChargingCavaliers

r11 - 2018-10-21 - 17:10 InaChalupkova

The Charging Cavaliers Useful links [https://espace.cern.ch/project blfs/detlog/layouts/15/WopiFrame.aspx?sourcedoc %2Fproject%2Dbf%2Fdetlog%2FOrganisation...](https://espace.cern.ch/project/blfs/detlog/layouts/15/WopiFrame.aspx?sourcedoc=%2Fproject%2Dbf%2Fdetlog%2FOrganisation...)

BL4SDataAnalysis2018

r25 - 2018-09-21 - 12:49 InaChalupkova

BL4S 2018 Data Analysis Schedule Note: The earliest moment for beam is Saturday, 22.9. All students are invited to the control room for the first beam. Data analysis...

BL4SDataAnalysisSchedule2018

r2 - 2018-09-19 - 20:31 CristovaoDaCruzESilva

The table below is just a guideline and not to be rigorously followed. Indeed, some of the suggestions of tasks can only be fulfilled at a later time when more data...

MajorTasks2018

r28 - 2018-09-13 - 16:59 CristovaoDaCruzESilva

Overview of vacations Who When (inclusive dates) Contact channel Markus 20.8. 1.9. CERN mobile phone and email Sarah 2.9. 4.9....

GasSystem

r13 - 2018-08-14 - 08:57 GianfrancoMorello

Safety note: All gas connections should be clearly labeled with the gas composition. Requirements Gases are required by the following detector components: CherenkovCounter...

BL4S2018

r3 - 2018-08-09 - 16:18 AtlasDaqsupService

Activities Muon Decay Bragg Peak Scintillator Performance In a first step, measure the photomultiplier performance. Start with a photomultiplier inventory...

PhotomultiplierInventory2018

r19 - 2018-08-07 - 09:03 GianfrancoMorello

Inventory ID Model Assembled/Location Comments Measured Sune 9813KB Returned to Sune Lent by Sune Jakobsen for measuring the SER Yes...

WebPreferences

r19 - 2018-08-01 - 12:04 MarkusJoos

BL4S Web Preferences The following settings are web preferences of the BL4S web. These preferences overwrite the site level preferences in . and...

ScintPerformance

r5 - 2018-07-31 - 12:59 CristovaoDaCruzESilva

Introduction Initially, the photomultiplier 7980 was identified as a photomultiplier with a good performance, i.e. a good separation between the SER and the pedestal...

PhotomultiplierSER

r15 - 2018-07-31 - 12:45 CristovaoDaCruzESilva

Code All the code performing the data analysis can be found on the daquser account. The code was written in jupyter under SWAN (swan.cern.ch) using cernbox as the...

BL4SDataAnalysis

r44 - 2017-09-26 - 10:10 OlivierArnaez

BL4S 2017 Data Analysis Schedule Note: The earliest moment for beam is Saturday,23.9. All students are invited to the control room for the first beam. Data analysis...

ExperimentalSetup2017

r2 - 2017-08-31 - 19:37 BranislavRistic

Experimental setup 2017 The general T9 beamline map: Preliminary layout:

[https://twiki.cern.ch/twiki/pub/BL4S/ExperimentalSetup2017/BL4S2017 layout v01.pdf](https://twiki.cern.ch/twiki/pub/BL4S/ExperimentalSetup2017/BL4S2017%20layout%20v01.pdf) Version...

BL4SGitGuide

r2 - 2017-03-28 - 10:48 BranislavRistic

pre { background color: #F0F0F0; } An introduction to Git and Gitlab for BL4S code The development flow for BL4S We have adapted what is called the flow...

Tasks2017

NEW - 2017-03-20 - 19:26 InaChalupkova

Overview of actions ID Who What Soft deadline Hard deadline Status Details 1 2

ExperimentalSetups

r17 - 2016-10-05 - 10:03 TheodorosVafeiadis

General strategy of experiments T9 experimental strategy: BL4S Strategy 2016.pptx Detectors and Cable paths The general T9 beamline map: The BL4S setup on T9 beamline...

Tasks

r42 - 2016-09-13 - 17:52 OskarWyszynski

Overview of vacations Who When (inclusive dates) Contact channel Jorgen 20.09 01.10 Theo 20.08 30.08 Oskar 24.08 31....

VistarServer

NEW - 2016-08-21 - 18:26 OskarWyszynski

OskarWyszynski 2016 08 21

GeneralInfrastructure

r6 - 2016-08-21 - 18:04 OskarWyszynski

Locations BL4S Office \$ Location: 4/R 021 \$ Phone: 41 227 674948 BL4S Lab \$ Location: 40/5 C06 East area \$ Location: 156 Check permissions on rights...

BL4SRepositories

NEW - 2016-08-21 - 17:40 OskarWyszynski

Git repositories Each repository contains a main README.md located at the root of directory structure. Furthermore, any directory may have an additional README...

IntroductionToGIT

NEW - 2016-08-21 - 17:19 OskarWyszynski

OskarWyszynski 2016 08 21

TDAQLocalInstallation

r3 - 2016-08-15 - 10:13 OskarWyszynski

NFS installation and configuration In order to prepare a Network File System, which can be used to hold a TDAQ installation as well as data, create a directory to...

LabviewEventDisplay

r2 - 2016-08-12 - 21:39 OskarWyszynski

LabView 2013 Installation In order to install LabView 2013 32bit (64bit doesn't work correctly) on SLC6 please first install the following dependencies:...

BL4S2015

NEW - 2016-05-19 - 19:40 OskarWyszynski

OskarWyszynski 2016 05 19 Beamline for Schools 2015 This is the technical Twiki for for Schools DAQ and Detectors. See the projects MajorTasks and DaqDetectorMeetings...

PhotoMultiplierTube

r3 - 2016-02-12 - 13:37 TimBrooks

PhotoMultiplierTube s are light amplification devices. Models XP2020 \$ Datasheet: <https://my.etenterprises.com/pdf/XP2020.pdf> \$ Sensitivity: <https://plot...>

SimulationSoftware

r12 - 2015-12-16 - 17:36 TimBrooks

Resources Git repo The source code repository in CERN Gitlab is here: <http://gitlab.cern.ch/BL4S/BL4S MC> After up Gitlab, the code can be cloned like so: git clone...

CherenkovCounter

r12 - 2015-12-14 - 17:33 TimBrooks

Cherenkov counters detect the light emitted by charged particles passing through a medium when the velocity of the particle is greater than the velocity of light in...

BeamLine

r10 - 2015-12-10 - 18:43 TimBrooks

BeamLine The BL4S project has access to the T9 beamline in the ProtonSynchtron EastArea. The T9 beam is a secondary beam of hadrons and leptons. It has a maximum momenta...

LeadGlassCalorimeter

r4 - 2015-12-01 - 18:01 TimBrooks

The LeadGlassCalorimeter is a detector that measures the energy of particles by fully absorbing them and measuring the light produced in the interaction. They are...

BgoCalorimeter

r2 - 2015-11-20 - 15:06 TimBrooks

The BGO calorimeter was loaned for the 2015 run from Aarhus university as part of the NA63 equipment. It is a Scionix type 76B200 / 3M E2 BGO X with a %\$\\oslash\$...

MRPC

r31 - 2015-09-30 - 17:18 TimBrooks

Multigap RPC The MRPC is being developed for the 2016 BL4S competition. It is listed on the Hardware Repository. Development Date Action...

TestRun

r38 - 2015-09-14 - 20:39 MarkusJoos

Log Date and time Initials Description Remarks 2.9, 19:02 TB BGO HV to 445V started run 1441213330 Monitoring shows a little gain over 410V Best range may...

CrystalUndulator

r37 - 2015-09-14 - 14:34 TimBrooks

Accelerating Africa Experiment proposal <http://youtu.be/1bRnuciYZU> Proposal video Development Date Action 2015 08 20 Assembled goniometer...

WebcamDetector

r37 - 2015-09-07 - 21:39 CandanDozen

Proposal video article with useful information Work plan for the execution of the experiment Below is a list of steps that should be executed during the beam tie...

DaqSetup

r2 - 2015-09-07 - 12:45 TimBrooks

Cable diagram digraph { rankdir LR; splines true; overlap scalexy; ordering out; ranksep 5; nodesep 0.25; node Pulser, Spill; subgraph...

DaqHardware

r19 - 2015-09-07 - 11:38 TimBrooks

This page collects information about DAQ equipment relevant for BL4S. See also: TrtTestBeamDaqHardware VME CORBO (RCB 8047 VME module) \$ User Manual: <http://home...>

TimePix

r20 - 2015-09-06 - 18:03 CandanDozen

TimePix The TimePix sensor is being integrated into the BL4S data acquisition system ready for the 2015 competition. Development Date Action...

Computing

r9 - 2015-09-04 - 17:32 TimBrooks

For users and passwords, see SysAdmin. Machines Name Purpose Model Location Requirements Status VP 717 SBC B40 Lab Network only bl4sdaq.cern.ch...

MagneticField

r6 - 2015-09-01 - 15:07 TimBrooks

MNP17 The MNP17 magnet has a gap of %\$30\,\mathrm{cm}\$% high, %\$1\,\mathrm{m}\$% wide and %\$52\,\mathrm{cm}\$% long. The maximum current (%\$400\,\mathrm{A}\$%) gives...

ShutdownChecklist

r2 - 2015-08-24 - 13:36 MarkusJoos

To access the T9 zone when beam is on: Stop data acquisition Power down MNP17 magnet (from control room on the first floor) Put beam stopper in...

PowerSupply

r10 - 2015-08-18 - 19:10 TimBrooks

Requirements The detectors require a range of power supplies. Here is a list of requirements: HighVoltage CherenkovCounter Around 2kV with 1.5mA (2 channels...

Cabling

r2 - 2015-08-18 - 09:42 MarkusJoos

For cable mappings see the TestRun page. Lab40 has a lot of HV and LV cables for PowerSupply. Use Connectors Number Length High Voltage (LeadGlassCalorimeter...

HandOver

r2 - 2015-08-12 - 13:01 TimBrooks

This is a list of accounts / resources that should be handed over from outgoing Project Associates to those incoming. BL4S e groups bl4s detectors Automatically...

SocialMedia

NEW - 2015-08-12 - 12:53 TimBrooks

CERN Social media guidelines: [https://security.web.cern.ch/security/rules/en/social media.shtml](https://security.web.cern.ch/security/rules/en/social%20media.shtml) twitter account #BL4S tweets TimBrooks 2015 08 12

OpenCV

NEW - 2015-08-10 - 15:27 CandanDozen

OpenCV is a powerful real time image processing library. To install OpenCV : install all the required packages: yum groupinstall `Development Tools`...


MajorTasks

r9 - 2015-08-10 - 11:08 TimBrooks

Task list for BL4S 2015: Tasks Topic Action Priority Due Development Topic Date Action
GeneralInfrastructure CrystalUndulator...

Number of topics: 50

Show recent changes with 50, 100, 200, 500, 1000 topics, all changes

Related topics:  RSS feed, ATOM feed, WebNotify, site changes, site map

This topic: BL4S > WebChanges

Topic revision: r1 - 2006-11-15 - TWikiContributor



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