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# Meetings

## Electro-Mechanical meetings

DATE	MEETING NAME	AGENDA AND PRESENTATIONS	MINUTES	COMMENTS
2019_06_18	BWS Project Meeting #39	<a href="https://indico.cern.ch/event/825904/">https://indico.cern.ch/event/825904/</a>		
2019_04_15	BWS Project Meeting #38	<a href="https://indico.cern.ch/event/810636/">https://indico.cern.ch/event/810636/</a>		Status Update (Mechanics, Electronics, Firmware and Calibration)
2019_03_25	BWS Project Meeting #37	<a href="https://indico.cern.ch/event/807732/">https://indico.cern.ch/event/807732/</a>		Mechanics and electronics update, First production calibration results, Software Implementation...
2019_02_04	BWS Project Meeting #36	<a href="https://indico.cern.ch/event/788708/">https://indico.cern.ch/event/788708/</a>		
2018_09_05	BWS Project Meeting #35	<a href="https://indico.cern.ch/event/754685/">https://indico.cern.ch/event/754685/</a>		Empty
2018_08_22	BWS Project Meeting #34	<a href="https://indico.cern.ch/event/751531/">https://indico.cern.ch/event/751531/</a>		Project update during holiday August 2018
2018_07_24	BWS Project Meeting #33	<a href="https://indico.cern.ch/event/739411/">https://indico.cern.ch/event/739411/</a>		Metallic disk engravement process improvements. Preparation for LIU-PS meeting on August. Update on production status.
2018_06_21	BWS Project Meeting #32	<a href="https://indico.cern.ch/event/736787/">https://indico.cern.ch/event/736787/</a>		Preliminary test results with PS LIU-BWS 2. Metallic disk test. Activities during TS1.
2018_06_12	BWS Project Meeting #31	<a href="https://indico.cern.ch/event/736095/">https://indico.cern.ch/event/736095/</a>	Meeting_Minutes	Mechanics and Electronics status and readiness for September Tests. Preliminary test results with PS LIU-BWS.
2018_05_28	BWS Project Meeting #30	<a href="https://indico.cern.ch/event/732314/">https://indico.cern.ch/event/732314/</a>		CNT Wire studies and Dspace Status
2018_05_14	BWS Project	<a href="https://indico.cern.ch/event/729280/">https://indico.cern.ch/event/729280/</a>	Meeting_Minutes	Mechanics production, Electronics readiness,

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	Meeting #29			Metallic disk series production.
2018_04_17	BWS Project Meeting #28	<a href="https://indico.cern.ch/event/719551/">https://indico.cern.ch/event/719551/</a>		
2018_21_03	BWS Project Meeting #27	<a href="https://indico.cern.ch/event/715138/">https://indico.cern.ch/event/715138/</a>		Discussions and updates
2018_02_26	BWS Project Meeting #26	<a href="https://indico.cern.ch/event/709052/">https://indico.cern.ch/event/709052/</a>		First Calibrations with Metallic Disk, Metallic disk production, Measurement plans, Series production status.
2018_02_05	BWS Project Meeting #25	<a href="https://indico.cern.ch/event/702482/">https://indico.cern.ch/event/702482/</a>		PS Prototype installation (Mechanics, control, acquisition), Test plans for 2018, Series production status.
2017_11_17	BWS Project Meeting #24	<a href="https://indico.cern.ch/event/681185/">https://indico.cern.ch/event/681185/</a>		LIU Review Preparation, PS prototype readiness and series production.
2017_10_17	BWS Project Meeting #23	<a href="https://indico.cern.ch/event/674041/">https://indico.cern.ch/event/674041/</a>		Preliminary results of MD with BWS on PSB with modified disk holder, metal disk tests and disk drifting calculations.
2017_09_22	BWS Project Meeting #22	<a href="https://indico.cern.ch/event/667872/">https://indico.cern.ch/event/667872/</a>		Reports on 24H TS and Scanner substitution and calibration
2017_09_05	BWS Project Meeting #21	<a href="https://indico.cern.ch/event/663752/">https://indico.cern.ch/event/663752/</a>		
2017_06_09	BWS Project Meeting #20	<a href="https://indico.cern.ch/event/645583/">https://indico.cern.ch/event/645583/</a>		
2017_05_12	BWS Project Meeting #19	<a href="https://indico.cern.ch/event/637417/">https://indico.cern.ch/event/637417/</a>		
2017_02_09	BWS Project Meeting #18	<a href="https://indico.cern.ch/event/610852/">https://indico.cern.ch/event/610852/</a>		
2016_11_28	BWS Project Meeting #17	<a href="https://indico.cern.ch/event/569142/">https://indico.cern.ch/event/569142/</a>	Meeting_Minutes	Analysis of situation and stopping factors for PSB prototype installation in EYETS16

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2016_11_07	BWS Project Meeting #16	<a href="https://indico.cern.ch/event/569141/">https://indico.cern.ch/event/569141/</a>		
2016_10_10	BWS Project Meeting #15	<a href="https://indico.cern.ch/event/569140/">https://indico.cern.ch/event/569140/</a>	Meeting_Minutes	Updates on PSB prototypes Progress: Mechanical and Acquisition system. Plans for series production.
2016_09_19	BWS Project Meeting #14	<a href="https://indico.cern.ch/event/569130/">https://indico.cern.ch/event/569130/</a>	Meeting_Minutes	Causes of the SPS BWS Incident, Intervention and situation. Mechanics, electronics and acquisition status for PSB.
2016_09_05	BWS Project Meeting #13	<a href="https://indico.cern.ch/event/564581/">https://indico.cern.ch/event/564581/</a>		Update from the different parts for PSB BWS Installation and schedule.
2016_07_14	BWS Project Meeting #12	<a href="https://indico.cern.ch/event/543918/">https://indico.cern.ch/event/543918/</a>	Meeting_Minutes	Alxion standard and special motor testing results, PSB secondaries acquisition architecture proposal and Dundee Visit.
2016_06_06	BWS Project Meeting #11	<a href="https://indico.cern.ch/event/536424/">https://indico.cern.ch/event/536424/</a>		Metallic disks test results, optical disk production methods review and status.
2016_04_21	BWS Project Meeting #10	<a href="https://indico.cern.ch/event/522821/">https://indico.cern.ch/event/522821/</a>	Meeting_Minutes	Update of the mechanical status and general discussions about integration.
2016_03_17	LIU Fast Wire Scanner Meeting	<a href="https://indico.cern.ch/event/508884/">https://indico.cern.ch/event/508884/</a>		General Status and planning schedule for 2016-2017 for the different mechanics & electronics
2015_12_14	BWS Project Meeting #9	<a href="https://indico.cern.ch/event/470556/">https://indico.cern.ch/event/470556/</a>		Motor update, Vibrations/Interferometry observed on SPS BWS position sensor.
2015_11_26	BWS Project Meeting #8	<a href="https://indico.cern.ch/event/461487/">https://indico.cern.ch/event/461487/</a>	Meeting_Minutes	Motor procurement, Planing of motor test, PSB lenses for encoder validation.
2015_11_06	BWS Project Meeting #7	<a href="http://indico.cern.ch/event/460286/">http://indico.cern.ch/event/460286/</a>	Meeting_Minutes	Meetings with Vacuum & RF Groups. Design status. Kollmorgen Motor Test-Bench production. Torsion simulations on shaft.
2015_10_08	BWS Project	<a href="http://indico.cern.ch/event/448877/">http://indico.cern.ch/event/448877/</a>	Meeting_Minutes	Design Upgrade for PSB flat flange, SPS prototype

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	Meeting #6			measurements schedule, Optical tests with new disk materials
2015_09_04	BWS Project Meeting #5	<a href="http://indico.cern.ch/event/441464">http://indico.cern.ch/event/441464</a>	Meeting_Minutes	New mechanics for PSB BWS prototype presented (Option 2). Compact, flat flange, less weight, and easier to built.
2015_08_27	BWS Project Meeting #4.1	Focuser_Adjustments.pdf	Meeting_Minutes	Informal discussions about the PSB optical system design.
2015_08_21	BWS Project Meeting #4	<a href="http://indico.cern.ch/event/440052">http://indico.cern.ch/event/440052</a>	Meeting_Minutes	First results of aging tests, Update of controller development, RF measurement planning and PSB integration update
2015_08_07	BWS Project Meeting #3	<a href="http://indico.cern.ch/event/436415">http://indico.cern.ch/event/436415</a>	Meeting_Minutes	Motor selection, RF measurements requirements.
2015_07_24	BWS Project Meeting #2	<a href="http://indico.cern.ch/event/435233">http://indico.cern.ch/event/435233</a>	Meeting_Minutes	Approved the purchase of 2 Off-the-Shelf + 2 Custom motors for testing (Axion 14S5TK2M & Kollmorgen KBM-35x02)
2015_06_25	BWS Project Meeting #1	<a href="http://indico.cern.ch/event/404602">http://indico.cern.ch/event/404602</a>	Meeting_Minutes	Kick-Off Meeting

## Electronics Meetings

DATE	MEETING NAME	AGENDA AND PRESENTATIONS	MINUTES	COMMENTS
2018_08_31	Ad-hoc BI-TB for choice of FMC ADC modules	<a href="https://indico.cern.ch/event/751690/">https://indico.cern.ch/event/751690/</a>		Selection of ADC FMC Mezzanines for VFC compatible for different BI Projects
2016_05_19	BWS Upgrade: Control Electronics Meeting	<a href="https://indico.cern.ch/event/531955/">https://indico.cern.ch/event/531955</a>		Controller hardware choice, inverter for the intelligent drive V2 and actuator tests
2017_10_31	BWS Upgrade: Acquisition Electronics Meeting	<a href="https://indico.cern.ch/event/678184/">https://indico.cern.ch/event/678184/</a>		Acquisition electronics strategy.

## Design Reviews

DATE	MEETING NAME	AGENDA AND PRESENTATIONS	MINUTES	COMMENTS
2013_04_18	Review of the CERN Fast	<a href="https://indico.cern.ch/event/229959/">https://indico.cern.ch/event/229959</a>		Review of the SPS design

	Wire Scanners			
2016_01_19	Review of the PSB Beam Wire Scanner Prototype Design	<a href="https://indico.cern.ch/event/483648/">https://indico.cern.ch/event/483648/</a>	Meeting_Minutes	Mechanical review of the PSB design before launching drawings approval and production.
2017_03_29	LIU BWS Mechanics Production Readiness Review	<a href="https://indico.cern.ch/event/618262/">https://indico.cern.ch/event/618262/</a>	Meeting_Minutes	
2017_04_04	LIU BWS Review Follow-Up	<a href="https://indico.cern.ch/event/628624/">https://indico.cern.ch/event/628624/</a> <a href="https://indico.cern.ch/event/573340/">https://indico.cern.ch/event/573340/</a>	Meeting_Minutes	Calibration Results analysis for BWS prototype installed on PSB
2017_11_23	Review LIU/BI for beam size	<a href="https://indico.cern.ch/event/646307/">https://indico.cern.ch/event/646307/</a>		

## BI Day Talks

DATE	MEETING NAME	AGENDA AND PRESENTATIONS
2018_12_04	BI-Day 2018 (Performance of the new injector wire scanners. J.L.Sirvent)	<a href="https://indico.cern.ch/event/764999/contributions/3179120/">https://indico.cern.ch/event/764999/contributions/3179120/</a>
2017_06_29	BI-Day 2017 (Power and control electronics for the new fast wire scanners. P.Andersson)	<a href="https://indico.cern.ch/event/641870/contributions/2619321/">https://indico.cern.ch/event/641870/contributions/2619321/</a>
2016_03_10	BI-Day 2016 (The calibration and operation of CERN wire scanners. E.Piselli)	<a href="https://indico.cern.ch/event/489382/contributions/1167009/">https://indico.cern.ch/event/489382/contributions/1167009/</a>
2016_03_10	BI-Day 2016 (A new Fast Wire scanner design for the PSB. D.Gudkov)	<a href="https://indico.cern.ch/event/489382/contributions/1167014/">https://indico.cern.ch/event/489382/contributions/1167014/</a>
2014_10_16	BI-Day 2014 (Secondary Shower acquisition system for wire scanners using diamond detectors. J.L. Sirvent)	<a href="https://indico.cern.ch/event/336612/contributions/1730869/">https://indico.cern.ch/event/336612/contributions/1730869/</a>
2012_12_06	BI-Day 2012 (The new Fast Wire Scanner prototype for the SPS. J.Emery)	<a href="https://indico.cern.ch/event/211854/contributions/424669/">https://indico.cern.ch/event/211854/contributions/424669/</a>
2011_11_24	BI-Day 2011 (Recent mechanical upgrades to the PS Wire Scanners. W.AndreaZZa)	<a href="https://indico.cern.ch/event/113131/contributions/54847/">https://indico.cern.ch/event/113131/contributions/54847/</a>

## Other Meetings about BWS

DATE	MEETING NAME	AGENDA AND PRESENTATIONS
2019_07_11	LIU-PS WG (PS LIU-BWS Commissioning Vol4 - LHCINDIV)	<a href="https://indico.cern.ch/event/833548/">https://indico.cern.ch/event/833548/</a>
2019_06_28	BE Seminar (New Fast Wire-Scanners for Beam Size Measurements in the LHC Injectors)	<a href="https://indico.cern.ch/event/830394/">https://indico.cern.ch/event/830394/</a>

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2019_05_16	LIU-PSB WG (PS LIU-BWS Comissioning Vol3)	<a href="https://indico.cern.ch/event/819656/">https://indico.cern.ch/event/819656/</a>
2019_03_29	BI Seminar (Beam Secondary Shower Acquisition Design for the CERN High Accuracy Wire Scanner)	<a href="https://indico.cern.ch/event/805354/">https://indico.cern.ch/event/805354/</a>
2019_02_08	LIU-PSB WG (PS LIU-BWS Comissioning Vol2)	<a href="https://indico.cern.ch/event/792789/">https://indico.cern.ch/event/792789/</a>
2018_10_23	LIU-PSB WG (PS LIU-BWS Comissioning Vol1)	<a href="https://indico.cern.ch/event/758303/">https://indico.cern.ch/event/758303/</a>
2018_08_31	Ad-Hoc BI-TB for choice of FMC ADC modules	<a href="https://indico.cern.ch/event/751690/">https://indico.cern.ch/event/751690/</a>
2018_08_07	LIU-PS Meeting 159	<a href="https://indico.cern.ch/event/748505/">https://indico.cern.ch/event/748505/</a>
2018_04_20	MSWG Meeting 2018 #4 Prototype WS, SPS stripped ion cycle request and aperture	<a href="https://indico.cern.ch/event/721906/">https://indico.cern.ch/event/721906/</a>
2018_01_26	BI/TB on LIU BWS electronics and optical fibre for BTV	<a href="https://indico.cern.ch/event/684664/">https://indico.cern.ch/event/684664/</a>
2017_09_14	BI/TB on uTCA, LIU wire-scanners results and AWAKE status	<a href="https://indico.cern.ch/event/659372/">https://indico.cern.ch/event/659372/</a>
2017_04_12	A Generic and Modular Protocol Scheme for Inter-FPGA Communication using Serial Links	<a href="https://indico.cern.ch/event/629724/">https://indico.cern.ch/event/629724/</a>
2016_06_29	BI/TB on inter-FPGA communication	<a href="https://indico.cern.ch/event/542750/">https://indico.cern.ch/event/542750/</a>
2015_07_02	BI/TB on PS WCM and electronics for the SPS BWS prototype	<a href="https://indico.cern.ch/event/405743/">https://indico.cern.ch/event/405743/</a>
2015_04_05	BI/TB on LHC BWS, new BTV electronics and follow-up from previous meetings	<a href="https://indico.cern.ch/event/375626/">https://indico.cern.ch/event/375626/</a>
2014_11_06	BI/TB on ELENA an Wire-scanner Impedance	<a href="https://indico.cern.ch/event/346465/">https://indico.cern.ch/event/346465/</a>
2014_07_10	BI/TB on Fast Optical Links	<a href="https://indico.cern.ch/event/328402/">https://indico.cern.ch/event/328402/</a>
2014_01_23	BE/BI Technical board on LHC BSRT and Wire-Scanner	<a href="https://indico.cern.ch/event/290139/">https://indico.cern.ch/event/290139/</a>

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