

# Table of Contents

Shutdown activities.....	1
Sub detectors.....	1

# Shutdown activities

## Sub detectors

Timetable

November	
<< Mo Tu We Th Fr >>	
	23 24 25 26 27
07:00	07:00
08:00	08:00
09:00	09:00
10:00	10:00
11:00	11:00
12:00	12:00
13:00	13:00
14:00	14:00
15:00	15:00
16:00	16:00
17:00	17:00
18:00	18:00
19:00	19:00
20:00	20:00

- 09 Oct 2009 - 09 Oct 2009 - 15:00-24:00 Closing of the cavern for the TED run (UX85B)
- 12 Oct 2009 - 13 Oct 2009 - 00:00-24:00 TED run, cavern closed (UX85B)
- 19 Oct 2009 - 19 Oct 2009 - 15:00-24:00 DSO test, cavern closed (UX85B)
- 20 Oct 2009 - 21 Oct 2009 - 00:00-24:00 DSO test, cavern closed (UX85B)
- 23 Oct 2009 - 23 Oct 2009 - 15:00-24:00 Closing of the cavern for Injection test (UX85B)
- 24 Oct 2009 - 26 Oct 2009 - 00:00-24:00 Closing of the cavern for Injection test (UX85B)
- 07 Oct 2009 - 08 Oct 2009 - 08:00-24:00 RICH HPD exchange, side A
- 09 Oct 2009 - 09 Oct 2009 - 08:00-15:00 RICH HPD exchange, side A, Survey
- 14 Oct 2009 - 14 Oct 2009 - 14:00-18:00 RICH HPD exchange, side C
- 15 Oct 2009 - 18 Oct 2009 - 08:00-18:00 RICH HPD exchange, side C
- 19 Oct 2009 - 19 Oct 2009 - 08:00-15:00 RICH HPD exchange, side C, Survey

Sub detector	Task	Responsible	start_DATE	end_DATE	Referenc
	template				TEMPLATE <a href="#">↗</a>
Magnet	checking position of coils on supports	R. Lindner	12 January 2009	16 January 2009	MX0001 <a href="#">↗</a>
Beam Pipe	Beam pipe protection removal/installation for M1 survey	P. Lepeule	08 January 2009	09 September 2009	VX0001 <a href="#">↗</a>
RICH 1	Photon Funnel, dismount	C. Frei	20 January 2009	30 January 2009	RU0001 <a href="#">↗</a>
RICH 1	REMOVAL OF THE RICH1 UPPER HPD ARRAY	B. Cameron	09 January 2009	15 January 2009	RU0002 <a href="#">↗</a>
Tracker Turicensis	Work on electronics boxes and opening of TT station for film crew	J. van Tilburg	09 February 2009	13 February 2009	TT0001 <a href="#">↗</a>

Calorimeter	Change of Turbine HCAL side A	R. Kristic	13 January 2009	13 January 2009	CE0001 <a href="#">↗</a>
Infrastructure	Scaffolding for RMS measurements	B. Corajod	12 January 2009	14 January 2009	IX0001 <a href="#">↗</a>
Muon	PERPARATION FOR/AND INSTALLATION OF CHAMBER SUPPORTS, MODIFICATION TO FLEXIBLE GAS PIPES	B. Schmidt, A. Cardini	13 January 2009	20 February 2009	UX0001 <a href="#">↗</a>
Muon	FINALIZATION OF AIR COOLING STATIONS M2-M5	B. Schmdt	13 January 2009	20 February 2009	UX0002 <a href="#">↗</a>
RICH 2	Check of the gas tightness of the gas enclosure of the RCH2	C. Frei	06 January 2009	26 February 2009	RD0001 <a href="#">↗</a>
RICH 1	Installation of the Lower Photon Funnel on the RICH1 detector	C. Frei	02 February 2009	06 February 2009	RU0003 <a href="#">↗</a>
Outer Tracker	Installation of a new access platform close to the magnet which will replace the existing one	C. Fournier	12 January 2009	06 March 2009	TO0001 <a href="#">↗</a>
Inner Tracker	TEST SERVICE BOXES ON IT-1C AND IT-3C	F. Blanc	16 January 2009	20 January 2009	TI0001 <a href="#">↗</a>
VELO	Work on the cooling system close to the VELO	E. Jans	05 January 2009	16 January 2009	TV0001 <a href="#">↗</a>
Calorimeter	Access to HCAL/C to commission CW/PMT	Iouri Guz	16 January 2009	20 January 2009	CE0002 <a href="#">↗</a>
Outer Tracker	INSTALL CTRLBOX PLATFORMS C-SIDE	A. Pellegrino	26 January 2009	30 January 2009	TO0002 <a href="#">↗</a>
Inner Tracker	SERVICE BOX TILTING MECHANISM (IT-2A)	F. Blanc	20 January 2009	21 January 2009	TI0002 <a href="#">↗</a>
Inner Tracker	SERVICE BOXES ON IT-1A,2A,3A	F. Blanc	23 January 2009	27 January 2009	TI0003 <a href="#">↗</a>
Calorimeter	ECAL INSTALLATION OF HV-BOXES ON C-SIDE	Irina Machikhiliyan	20 January 2009	23 January 2009	CE0003 <a href="#">↗</a>
Calorimeter	Access to HCAL/C to commission CW/PMT	Iouri Guz	21 January 2009	26 January 2009	CE0004 <a href="#">↗</a>
Calorimeter	Check of the PS VFE electronics	P.Perret	22 January 2009	06 February 2009	CE0005 <a href="#">↗</a>
Calorimeter	The installation of PMT/C-W	I. Machikhiliyan	26 January 2009	06 February 2009	CE0006 <a href="#">↗</a>
Calorimeter	Work on Calorimeter front-end electronics	Frédéric Machefert	22 January 2009	22 January 2009	CE0007 <a href="#">↗</a>
Infrastructure	Bunker extension access on side C and A	C. Fournier	26 January 2009	14 February 2009	IX0002 <a href="#">↗</a>
Calorimeter	TUNING OF LED SYSTEM	Evgeny Gushchin	21 January 2009	09 February 2009	CE0008 <a href="#">↗</a>
Calorimeter	CALO SPD VFE 2 REPAIR	E. P. Olloqui	27 January 2009	30 January 2009	CE0009 <a href="#">↗</a>
Outer Tracker	INSTALL HEATING BLANKETS ON T2-Q02-VX	A. Pellegrino	03 February 2009	20 February 2009	TO0003 <a href="#">↗</a>
Calorimeter	COMMISSIONING OF ECAL C-SIDE	I. Machikhiliyan	02 February 2009	06 February 2009	CE0010 <a href="#">↗</a>
HCAL	swap 2 cables of CW/PMT in the central part	Iouri Guz	06 February 2009	06 February 2009	HC0003 <a href="#">↗</a>
PS	Repair of a broken pin in a PS	Patrick Robbe	05 February	05 February	CP0005 <a href="#">↗</a>

	backplane crate A-side.		2009	2009	
RICH 1	Installation of trolley with the HPD array	B. Cameron	11 February 2009	12 February 2009	RU0004 <a href="#">↗</a>
RICH 1	Installation of the Upper Photon Funnel	Christoph Frei	16 February 2009	25 February 2009	RU0005 <a href="#">↗</a>
PS	Tuning of LED light pulse height on PS	Evgeny GUSHCHIN	10 February 2009	17 February 2009	CP0006 <a href="#">↗</a>
ECAL	INSTALLATION OF HV-BOXES ON A-SIDE	Irina Machikhiliyan	16 February 2009	20 February 2009	CE0011 <a href="#">↗</a>
Muon	PERPARATION/MODIFICATION OF CALBING FOR CHAMBERS OF REGION R1 AND R2	B. Schmidt, A. Cardini	26 January 2009	24 Mars 2009	UX0003
Muon	INSTALLATION OF LONG ALIGNMENT BARS FOR STATION M1	B. Schmidt, Th. Schneider	17 February 2009	02 Mars 2009	UX0004
Muon	M1 CHAMBER INSTALLATION	B. Schmidt, A. Cardini	16 February 2009	20 June 2009	PPSPS-M1-Chamber
RICH 1	HPD array to the detector C-side	B. Cameron	25 February 2009	26 February 2009	RU0006 <a href="#">↗</a>
ECAL	Opening A-side; Beginning of CALO access A-side	R. Kristic	26 February 2009	02 March 2009	CE0012 <a href="#">↗</a>
Inner Tracker	Repair electronics on IT-2A	F. Blanc	25 February 2009	27 February 2009	TI0004 <a href="#">↗</a>
Calorimeter	The installation of PMT/C-W	Irina Machikhiliyan	27 February 2009	13 March 2009	CE0013 <a href="#">↗</a>
PS	Check of the VFE electronics	P.Perret	02 March 2009	13 March 2009	CP0007 <a href="#">↗</a>
SPD	Cable extension for a control clock cable of the SPD	Eduardo Picatoste Olloqui	26 February 2009	27 February 2009	CP0008 <a href="#">↗</a>
RICH 2	Installation of the LAMS	Didier Piedigrossi	27 February 2009	6 March 2009	RD0002 <a href="#">↗</a>
Infrastructure	Dismount 2nd level of RICH 2 tower side C	C. Fournier	9 March 2009	11 March 2009	IX0003 <a href="#">↗</a>
PS/SPD	TUNING OF PS/SPD LED SYSTEM	E. GUSHCHIN	26 February 2009	15 March 2009	CP0009 <a href="#">↗</a>
Inner Tracker	Install Service Box tilting	F Blanc	11 March 2009	27 March 2009	TI0005 <a href="#">↗</a>
Infrastructure	Dismount top level of RICH 2 tower side A	C. Fournier	16 March 2009	18 March 2009	IX0004 <a href="#">↗</a>
RICH 2	Replacement of HPD side C	C. Frei	18 March 2009	25 March 2009	RD0003 <a href="#">↗</a>
RICH 2	Replacement of HPD side A	C. Frei	25 March 2009	1 April 2009	RD0003 <a href="#">↗</a>
VELO	Maintenance of the three turbo pumps	E. Jans	24 March 2009	26 March 2009	TV0002 <a href="#">↗</a>
SPD	CALO BROKEN CONTROL/CLOCK CABLE	Eduardo Picatoste Olloqui	17 March 2009	20 March 2009	CP0010 <a href="#">↗</a>
RICH 1	OPENING THE GAS ENCLOSURE FOR SURVEY AND REPAIRS.	B. Cameron	26 March 2009	27 March 2009	RU0007 <a href="#">↗</a>
ECAL	ECAL HV CONTROL BOARD REPLACEMENT	A. Konoplyannikov	25 March 2009	25 March 2009	CE0014 <a href="#">↗</a>

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Muon	Replacement of some chambers of Muon stations M2-M5	B. Schmidt	23 March 2009	30 April 2009	UX0005
ECAL	DISMOUNTING OF INTEGRATORS, ECAL C-SIDE	I. Machikhiliyan	6 April 2009	20 April 2009	CE00015
Inner Tracker	Repair VCSELS on digitizer boards	F. Blanc	15 April 2009	24 April 2009	
Calorimeter	Closing of CALO A-side for M1	R. Kristic	22 April 2009	22 April 2009	CE00016 <a href="#">↗</a>
Tracker Turicensis	Exchange TT modules and work on service boxes	Jeroen van Tilburg	29 June 2015	03 July 2009	TT0002 <a href="#">↗</a>
MOEDAL	Preparation work	D. Lacarrere, R. Soluk	13 May 2009	15 May 2009	DD0001 <a href="#">↗</a>
Infrastructure	Installation of access under balcony	C. Fournier	28 April 2009	29 May 2009	IX0005 <a href="#">↗</a>
HCAL	REPLACEMENT RADSOURCE CASSETTE	R. Dzhelyadin	22 May 2009	22 May 2009	HC0004 <a href="#">↗</a>
Magnet	EPDM insertion between upstream coil support and coil	C. Fournier	25 May 2009	29 May 2009	MX0002 <a href="#">↗</a>
Infrastructure	ABSOLUTE GRAVITY MEASUREMENTS	S. Guillaume	29 June 2009	30 June 2009	IX0006 <a href="#">↗</a>
SPD	CALO SPD CONTROL CABLE REPARATION	P. Perret	3 June 2009	4 June 2009	CP0011 <a href="#">↗</a>
ECAL	Opening ECAL A-side	Robert Kristic	19 June 2009	19 June 2009	CE0017 <a href="#">↗</a>
ECAL	Install modified integrators on ECAL A-side	Irina Machikhiliyan	19 June 2009	22 June 2009	CE0018 <a href="#">↗</a>
PS	Change of the PS VFE LV patch panels	Pascal PERRET	26 June 2009	6 July 2009	CP0012 <a href="#">↗</a>
ECAL	INSTALLATION OF INTEGRATORS, ECAL C-SIDE	Irina Machikhiliyan	2 July 2009	6 July 2009	CE0019 <a href="#">↗</a>
VELO	- Changing pressure and temperature sensors	Eddy Jans	6 July 2009	10 July 2009	TV0003 <a href="#">↗</a>
Infrastructure	High Fog OT phase 1	E. Thomas	10 August 2009	14 August 2009	IX004
Inner Tracker	Repair cables in RMS patch panel	F. Blanc	6 August 2009	13 August 2009	IT0007
RICH 2	CLOSURE OF THE GAS ENCLOSURE	C. Frei	14 August 2009	14 August 2009	
ECAL	Replacement of malfunctioning PMT/C-W doublets	Irina Machikhiliyan	2009-08-18	2009-08-19	CE0020 <a href="#">↗</a>
MOEDAL	Put up a few test panels and drill holes on top of VELO	Richard SOLUK	2009-09-14	2009-09-16	DD0002 <a href="#">↗</a>
ECAL	Replacement of one fuse in LV chain (A-side) and two cable connectors (C and A side)	Irina Machikhiliyan	2009-09-04	2009-09-04	CE0021 <a href="#">↗</a>
ECAL	MAINTENANCE OF ECAL VOLTAGE DISTRIBUTION/LED TRIGGER SYSTEMS	Irina Machikhiliyan	2009-09-29	2009-09-30	CE0022 <a href="#">↗</a>
RICH 2	Replacement of HPD side A	C. Frei	2009-10-07	2009-10-09	
RICH 2	Replacement of HPD side C	C. Frei	2009-10-14	2009-10-19	

ECAL	Repair the ECAL HV_control	Anatoly Konoplyannikov	2009-10-05	2009-10-05	CE0023 <a href="#">↗</a>
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-- RolfLindner - 05 Jan 2009

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