

TS WORKSHOP 2004

4 - 6 MAY

LHC & EXPERIMENTS I

(08:30->12:30)

Chair: K. Potter

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LHC & EXPERIMENTS I

08:30	Welcome (05')		Ciriani, P.
08:35	Introduction to the session (05')		Potter, K.
08:40	The ALICE dipole magnet (20')		Swoboda, D.
09:00	Métrologie des expériences : évolution des exigences et des techniques (20')		Lasseur, C., Gayde, J-C.
09:20	Experimental rack power management (electrical supply, cooling& controls) (20')		Burdet , G., Mr X
09:40	The Radiation Monitoring System for the LHC experiments and experimental areas (20')		Ilgner, C.
10:00	Integration of forward physics detectors into the LSS of the LHC (20')		Macina, D.

LHC & EXPERIMENTS I

10:20	COFFEE BREAK (20')	
10:40	Installation of the LHC Experimental Insertions (20')	Bartolome-Jimenez, S.
11:00	Vacuum chambers for LHC LSS (20')	Costa Pinto, P.
11:20	Layout drawings of the LHC Collider (20')	Vergara, A.
11:40	Large scale deployment of MTF : lessons learned (20')	Mallon, S., Manola-Poggioli, E.
12:00	Installation of a Particle Accelerator: from theory to practice (30')	Foraz K., Vitasse, M., Weisz, S.
12:30	Conclusions (10')	Potter, K.

LHC & EXPERIMENTS II

(14:00->18:00)

Chair: C. Hauviller

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LHC & EXPERIMENTS II

14:00	Introduction to the session (10')	Hauviller, C.
14:10	Logistics of LHC Cryodipoles: from simulation to storage management (20')	Foraz, K., Nicquevert, B.
14:30	Mechanical dynamic load of the LHC arc cryo-magnets during the installation (20')	Artoos, K., Capatina, O.
14:50	Sécurité des activités de transport et de manutention (20')	Prodon, S.
15:10	SPS Extraction Kicker magnet - Thermal analysis (20')	Timmins, M.
15:30	LHC Electrical Distribution Feed Boxes and Current Leads (20')	Folch, R., Trilhe, P.
15:50	COFFEE BREAK (20')	

LHC & EXPERIMENTS II

16:10	LHC Collimators (20')	Bertarelli, A.
16:30	Integration of transport and handling equipment at CERN (20')	Bertone, C. , Boettcher, O.
16:50	LHC access controls (20')	Ninin, P.
17:10	Improving industrial process control systems security (20')	Epting, U., Morodo, MC.
17:30	Technical infrastructure monitoring (TIM) and CERN Control Center (CCC)	Batz, M., Sollander, P.
17:50	Conclusion (10')	Hauviller, C.

CONTRACTS

(08:30->12:30)

Chair: J.L. Baldy

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CONTRACTS

08:30	Introduction to the session (10')	Baldy, J.L.
08:40	Status report for the Civil Engineering contract for the CMS worksite (20')	Osborne, J.
09:00	Cooling and ventilation contracts for LHC (20')	Inigo Golfín, J., Principe, R.
09:20	Contrat d' installation des cables - methodologie et experiences (20')	Guillaume, J-C.
09:40	The different approaches to the FM contract (20')	Nonis, M.
10:00	Management of transport and handling contract (20')	Ruehl, I

CONTRACTS

10:20	COFFEE BREAK (20')	
10:40	Electronics development support: how it is organized (20')	Van der Bij, E.
11:00	L' alignement des accélérateurs du CERN: dans quel contexte contractuel? (20')	Missiaen, D. , Quesnel, J-P.
11:20	Managing the detector fixed gas distribution contracts (20')	McFarlane, D.
11:40	Managing Experimental Areas at the LHC (30')	Butin, F., Evrard, S., Gastal, M.
12:10	Conclusions (10')	Baldy, J-L.

TECHNOLOGY

(14:00->17:30)

Chair: C. Benvenuti

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TECHNOLOGY

14:00	Introduction to the session (10')	Benvenuti, C.
14:10	Fabrication des circuits haute densite et autres circuits speciaux (20')	De Oliveira, R.
14:30	Disturbances and power quality of CERN's Electrical Network (20')	Kahle, K.
14:50	Special coatings for the LHC (20')	Calatroni, S.
15:10	Techniques de controles non destructifs (20')	Dalin, J.M.
15:30	COFFEE BREAK (20')	

TECHNOLOGY

15:50	Techniques d' assemblage (20')	Favre, G., Mathot, S.
16:10	An application of powder metallurgy for the LHC (20')	Sgobba, S.
16:30	Material Studies for Clic RF Cavities (20')	Taborelli, M.
16:50	Metrologie d'alignement micrometrique: Moyens, developpements et applications (20')	Mainaud Durand, H.
17:10	Conclusion (10')	Benvenuti, C.

DESIGN OFFICE

(08:30->12:30)

Chair: T. Kurtyka

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DESIGN OFFICE

08:30	Introduction to the session (10')	Kurtyka, T.
08:40	Reorientation du bureau d'etudes genie civil (20')	Poehler, M
09:00	Le Bureau d'etude TS/CV/BE pour les besoins du projet LHC (20')	Martel, C.
09:20	Bureau de documentation TS/EL/DO (20')	Dujardin, M.
09:40	Bureau d'etudes mecaniques TS/MME (20')	Menot, C.
10:00	DEM Design office (20')	Van der Bij, E.

DESIGN OFFICE

10:20	COFFEE BREAK (20')	
10:40	Le systeme d'information géographique et ses utilisateurs (20')	Guyot, B.
11:00	Etudes d'integration pour l'accelerateur LHC (20')	Muttoni, Y.
11:20	CAD Support section: tasks and projects (20')	Friman, P., Van Utyvinck, E.
11:40	Discussion design office (45')	Kurtyka, T

DISCUSSIONS

(14:00->17:00)

Chair: K. Potter, C. Hauviller,
JL. Baldy, C. Benvenuti

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DISCUSSIONS

14:00	LHC & Experiments (60')	Hauviller, C. Potter, K.
15:00	Contracts (45')	Baldy, JL.
15:45	COFFEE BREAK (20')	
16:05	Technology (45')	Benvenuti, C.
16:50	Conclusions (10')	Ciriani, P.

18:30

BOWLING

20:30

FONDUE

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