



LHC Computing Grid - List of Tier2 Centres

October 05, 2006
Fabienne Baud-Lavigne

Institution	Experiments served with priority				Representative to WLCG Collaboration	Funding Agencies
	ALICE	ATLAS	CMS	LHCb		
Australia, University of Melbourne		X			n.n.	AusHEP
Belgium, Belgian Tier-2 Federation - UA, Antwerpen - UCL, Louvain-la-Neuve - ULB, Brussels - UMH, Mons - VUB, Brussels			X		Alternates: G. Bruno, UCL P. Vanlaer, ULB S. De Weirdt, VUB	FNRS (UCL, ULB, UMH) and FWO (UA, VUB)
China, IHEP, Beijing		X	X		Gang Chen	MoST NSFC
Czech Rep., FZU AS, Prague	X	X			M. Lokajicek	MSMT CR
Finland, NDGF/HIP Tier2			X		n.n.	HIP
France, CC-IN2P3 AF	X	X	X	X	F. Malek (deputy: F. Hernandez)	CNRS/IN2P3 and CEA/DSM/DAPNIA
France, GRIF, Paris - DAPNIA, Saclay - IPN, Orsay - LAL, Orsay - LLR, Plaiseau - LPNHE, Paris	X	X	X	X	J.P. Meyer	CNRS/IN2P3 and CEA/DSM/DAPNIA
France, LPC, Clermont-Ferrand	X	X		X	D. Pallin	CNRS/IN2P3
France, SUBATECH, Nantes	X				L. Aphecetche	CNRS/IN2P3
Germany, DESY, Hamburg		X			V. Gülzow	BMBF/DESY
Germany, GSI, Darmstadt	X				P. Malzacher	BMBF/GSI
Germany, ATLAS Federation, Munich - MPI für Physik - Ludwig Maximilian Universität - Leibniz Rechenzentrum - Rechenzentrum Garching der MPG		X			S. Bethke	MPG
Germany, CMS Federation - DESY, Hamburg - RWTH, Aachen			X		V. Gülzow	BMBF/DESY
India, TIFR, Mumbai			X		A. Gurtu	DAE
India, VECC/SINP, Kolkata	X				Y.P. Viyogi	DAE
Italy, INFN Tier-2 Federation	X	X	X	X	P. Capiluppi	INFN
Japan, ICEPP, Tokyo		X			H. Sakamoto	University of Tokyo



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Pakistan, Pakistan Tier-2 Federation - NCP - PAEC			X		H. Hoorani	PAEC/NCP
Poland, Polish Tier-2 Federation - Krakow - Poznan - Warszawa	X	X	X	X	R. Gokieli, Warszawa	Ministry of Science & Education
Portugal, LIP Tier-2 Federation - LIP, Lisbon - LIP, Coimbra		X	X		J. Gomes, Lisboa (deputy: M. David)	GRICES/FCT/UMIC
Romania, Romanian Tier-2 Federation - NIPNE - PUB - ISS - ICI - ITIM	X	X			M. Dulea, NIPNE	National Authority for Scientific Research
Russian Fed., Russian Data-Intensive GRID (RDIG) ¹	X	X	X	X	V. Ilyin (alt.: V. Korenkov)	Federal Agency for Science and Innovation/JINR
Spain, ATLAS Federation - IFAE, Barcelona - IFIC, Valencia - UAM, Madrid		X			J. Salt (alt: A. Pacheco Pages, J. del Peso)	MEC
Spain, CMS Federation - CIEMAT, Madrid - IFCA, Santander			X		F. Matorras (alt.: N. Colino)	MEC
Spain, LHCb Federation - UB, Barcelona - USC, Santiago				X	R. Graziani Diaz (alt.: J.J. Saborido Silva)	MEC
Switzerland, CHIPP		X	X	X	C. Grab	SER/SNF/ETH/CSCS
Taipei, Taiwan Analysis Facility Federation - Academia Sinica - National Taiwan University - National Central University		X	X		S. Lin	Academia Sinica

¹ The Russian (distributed/advanced) Tier2 Cluster



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UK, London Tier 2 ² - Brunel - ICL - QMUL - RHUL - UCL	X	X	X	X	D. Colling, ICL	PPARC
UK, NorthGrid ² - Daresbury Lab. - Lancaster - Liverpool - Manchester - Sheffield	X	X	X	X	R. Jones, Lancaster	PPARC
UK, ScotGrid ² - Durham - Edinburgh - Glasgow	X	X	X	X	N. Glover, Durham	PPARC
UK, SouthGrid ² - Birmingham - Bristol - Cambridge - Oxford - RAL - Sussex - Swansea - Warwick	X	X	X	X	J. Tseng, Oxford	PPARC
Ukraine, Ukrainian Tier-2 Federation - Kiev - BITP, IPS, IMBG, MAO, ICB, KNU - Kharkov - KHIPT, ISM, IRA, KhNU - Lvov - ICMP, LNU	X		X		G. Zinovjev, Kiev	National Academy of Sciences
USA, Boston/Harvard ATLAS T2 - Boston Univ. - Harvard Univ.		X			J. Shank, BU (alt.: S. Youssef)	NSF

² Within the UK there is an agreement for each Tier2 to support the four main WLCG Virtual Organisations (VO's). In the above table this shows as an "X" against each experiment. In practice not all sites within a UK Tier2 will support all VO's and the impact of scheduling at those sites that do support all LHC experiments will need to be considered in estimating available resources.



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	<i>ALICE</i>	<i>ATLAS</i>	<i>CMS</i>	<i>LHCb</i>		
USA, Southwest ATLAS T2 - Langston University - Univ. of New Mexico - Oklahoma Univ. - Univ. of Texas, Arlington		X			K. De, UTA (alt.: H. Severini)	NSF
USA, Midwest ATLAS T2 - Univ. of Chicago - Indiana Univ.		X			R. Gardner, U. Chicago (alt.: F. Luehring)	NSF
USA, Caltech CMS T2			X		H. Newman, Caltech (alt.: J. Bunn)	NSF
USA, Florida CMS T2			X		P. Avery, U. Florida (atl.: R. Cavanaugh)	NSF
USA, MIT CMS T2			X		C. Paus, MIT	NSF
USA, Nebraska CMS T2			X		D. Swanson, U. Nebraska (alt.: K. Bloom)	NSF
USA, Purdue CMS T2			X		N. Neumeister, U. Purdue	NSF
USA, UC San Diego CMS T2			X		F. Wuerthwein, UCSD (alt.: J. Branson)	NSF
USA, U. Wisconsin CMS T2			X		S. Dasu, U. Wisconsin (alt.: W. Smith)	NSF