

Annex 2. WLCG Tier2 Centres and Federations of Centres that together constitute a Tier2 Centre

<i>Institution</i>	<i>Experiments served with priority</i> <i>ALICE ATLAS CMS LHCb</i>				<i>Representative to</i> <i>WLCG Collaboration</i>	<i>Funding Agencies</i>
Austria, Austrian Tier-2 Federation - Institute for High Energy Physics, Vienna - University of Innsbruck		X	X		Alternates: D. Liko D. Kuhn	BMWF
Australia, University of Melbourne		X			G. Taylor, L. Boland	AusHEP
Brazil, SPRACE, São Paulo			X		S. F. Novaes, Unesp (alt: E. de M. Gregores)	FAPESP
Belgium, Belgian Tier-2 Federation - UA, Antwerpen - UCL, Louvain-la-Neuve - ULB, Brussels - UMH, Mons - VUB, Brussels - UGent, Gent			X		Alternates: G. Bruno, UCL P. Vanlaer, ULB O. Devroede, VUB	FNRS (UCL, ULB, UMH) and FWO (UA, VUB, UGent)
Canada, Canada-East Federation - University of Toronto - McGill University		X			P. Savard (alt.: S. Robertson)	CFI
Canada, Canada-West Federation - Simon Fraser University - University of Victoria		X			M. Vetterli (alt.: R. Sobie)	CFI
China, IHEP, Beijing		X	X		Gang Chen	MoST NSFC
Czech Rep., FZU AS, Prague	X	X			M. Lokajicek	MSMT CR
Estonia, NICPB			X		M. Kadastik	Estonian Ministry of Education and Research
Finland, NDGF/HIP Tier2			X		P. Eerola	HIP
France, CC-IN2P3 AF	X		X	X	L. Duflot (deputy: C. Biscarat)	CNRS/IN2P3 and CEA/DSM/IRFU
France, CPPM, Marseille		X		X	F. Touchard	CNRS/IN2P3
France, GRIF, Paris - IRFU, Saclay - IPN, Orsay - LAL, Orsay - LLR, Plaiseau - LPNHE, Paris	X	X	X	X	J.P. Meyer	CNRS/IN2P3 and CEA/DSM/IRFU
France, IPHC, Strasbourg	X		X		D. Bloch	CNRS/IN2P3
France, LAPP, Annecy		X		X	S. Jézéquel	CNRS/IN2P3
France, LPC, Clermont-Ferrand	X	X		X	D. Pallin	CNRS/IN2P3

WORLDWIDE LHC COMPUTING GRID COLLABORATION

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France, LPSC, Grenoble	X	X			S. Crépé-Renaudin	CNRS/IN2P3
France, SUBATECH, Nantes	X				L. Aphecetche	CNRS/IN2P3
Germany, GSI, Darmstadt	X				T. Kollegger	BMBF/GSI
Germany, ATLAS Federation DESY		X			V. Gülzow	DESY
Germany, ATLAS Federation FR/W - Albert-Ludwigs-Universität, Freiburg - Bergische Universität, Wuppertal		X			Alternates: M. Schumacher T. Harenberg	ALU/BUW/DESY
Germany, ATLAS Federation, Munich - MPI für Physik - Ludwig Maximilian Universität - Leibniz Rechenzentrum - Rechenzentrum Garching der MPG		X			S. Bethke	LMU/LRZ/MPG
Germany, ATLAS Federation, HH/Goe - DESY - University of Goettingen		X			V. Gülzow (alternate: A. Quadt - Univ. Goettingen)	BMBF/DESY/UGOE
Germany, CMS Federation - DESY - RWTH, Aachen			X		V. Gülzow (alternate: T. Kress - RWTH Aachen)	BMBF/DESY/RWTH
Germany, LHCb Federation, DESY				X	V. Gülzow	BMBF/DESY
Greece, GRID LAB, Kavala Institute of Technology		X	X		L. Magafas, D. Bandekas, E. Gazis	PAMTH (Region of East Macedonia-Thrace)
Greece, High Energy Physics Laboratory, University of Ioannina			X		I. Papadopoulos	University of Ioannina
Hungary, HGCC Federation - KFKI-RMKI, Budapest - SZTAKI, Budapest - ELUB, Budapest - DU, Debrecen	X		X		Alternates: G. Vesztergombi D. Horvath C. Hajdu	NKTH
India, TIFR, Mumbai			X		K. Mazumdar	DAE
India, VECC/SINP, Kolkata	X				Y.P. Viyogi	DAE
Israel, HEP-IL Tier-2 Federation		X			L. Levinson	ICHEP
Italy, INFN ALICE Federation	X				D. Elia, S. Bagnasco	INFN
Italy, INFN ATLAS Federation		X			G. Carlino, A. de Salvo	INFN
Italy, INFN CMS Federation			X		T. Boccali	INFN
Italy, INFN LHCb Federation				X	C. Bozzi	INFN
Japan, ICEPP, Tokyo		X			H. Sakamoto	University of Tokyo
Republic of Korea, CHEP of KNU, Daegu			X		D. Son G. N. Kim	NRF

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Latin America Federation	X	X	X	X	R. Santana	RENAFAE
Malaysia, University of Malaya			X		W.A.T. Wan Abdullah	University of Malaya (UM)
Mexico, UNAM	X				L. Nellen, G. Paic	UNAM
Pakistan, Pakistan ALICE Federation - CIIT	X				S. Mohsin	CIIT
Pakistan, Pakistan Tier-2 Federation - NCP - PAEC			X		H. Hoorani	PAEC/NCP
Poland, Polish Tier-2 Federation - Krakow - Poznan - Warszawa	X	X	X	X	M. Gorski	The Minister of Science & Higher Education
Portugal, LIP Tier-2 Federation		X	X		J. Gomes, Lisboa (deputy: M. David)	GRICES/FCT/UMIC
Romania, Romanian Tier-2 Federation - NIPNE - PUB - ISS - UAIC - ITIM	X	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
Slovak Republic, Slovak Tier 2 Federation - Comenius University FMFI Bratislava - Institute of Experimental Physics SAV Kosice	X	X			Pavol Strizenec	Ministry of Education, Science, Research and Sport
Slovenia, SiGNET, Jozef Stefan Institute		X			B. Kersevan	Ministry of Higher Education, Science and Technology
South Africa, CHPC Tier 2	X				D. Adams	Department of Science & Technology
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.: J. Hernandez)	MEC
Spain, LHCb Federation - UB, Barcelona - USC, Santiago				X	R. Graziani Diaz (alt.: J.J. Saborido Silva)	MEC

¹ The Russian (distributed/advanced) Tier2 Cluster

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Sweden, SNIC Tier-2	X	X			J. Koster	VR
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			S. Lin	Academia Sinica
Taiwan, CMS Federation - NCHC - NTU - NCU			X		Ce-Kuen Shieh (NCHC) Chun-Yu Lin (alt) (NCHC)	MOST/NARLabs/NCHC
Thailand, National e-Science Infrastructure Consortium - NSTDA-CU CMS - SUT-ALICE - NSTDA-ALICE	X		X		B. Asavapibhop, N. Srimanobhas (alt) (CU) C. Kobdaj, A. Srikaew (alt) (SUT) C. Vorakulpipat, S. U-ruekolan (alt) (NSTDA)	CU / SUT / NSTDA
Turkey, Turkish Tier-2 Federation - TAEK - ULAKBIM		X	X		Alternates: I. Turk Cakir (TAEK) L. Baskus (TAEK) B. Ortakaya (ULAKBIM)	Turkish Atomic Energy Authority (TAEK)
UK, London Tier 2 - Brunel - ICL - QMUL - RHUL - UCL		X	X	X	D. Colling, ICL	STFC
UK, NorthGrid - Daresbury Lab. - Lancaster - Liverpool - Manchester - Sheffield		X		X	R. Jones, Lancaster	STFC
UK, ScotGrid - Durham - Edinburgh - Glasgow		X		X	P. Clarke (Edinburgh)	STFC

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UK, SouthGrid - Birmingham - Bristol - Cambridge - Oxford - RAL - Sussex - Swansea - Warwick	X	X	X	X	D. Kelsey, RAL	STFC
Ukraine, Ukrainian Tier-2 Federation - Kiev - BITP, KNU, KPI - Kharkov – ISMA, KhIPT	X		X		G. Zinovjev, Kiev	National Academy of Sciences
USA, LBNL ALICE, Berkeley CA	X				J. Porter	DOE/NP
USA, Great Lakes ATLAS T2 -University of Michigan -Michigan State University		X			S. McKee (alt.: B. Ball)	NSF
USA, Northeast ATLAS T2 - Boston Univ. - Harvard Univ.		X			J. Shank, BU (alt.: S. Youssef)	NSF
USA, Midwest ATLAS T2 - University of Chicago - Indiana University		X			R. Gardner, U. Chicago (alt.: F. Luehring)	NSF
USA, Southwest ATLAS T2 - Langston University - Univ. of New Mexico - Oklahoma University - University of Texas, Arlington		X			K. De, UTA (alt.: H. Severini)	NSF
USA, SLAC ATLAS T2		X			W. Yang (alt.: R. Mount)	DOE
USA, Caltech CMS T2			X		H. Newman, Caltech (alt.: J. Bunn)	NSF
USA, Florida CMS T2			X		P. Avery, U. Florida (alt: Bockjoo Kim)	NSF
USA, MIT CMS T2			X		C. Paus, MIT	NSF
USA, Nebraska CMS T2			X		K. Bloom, U. Nebraska (alt.: D. Swanson)	NSF
USA, Purdue CMS T2			X		N. Neumeister, U. Purdue	NSF
USA, UC San Diego CMS T2			X		F. Wuerthwein, UCSD (alt.: Avi Yagil)	NSF
USA, U. Wisconsin CMS T2			X		S. Dasu, U. Wisconsin (alt.: W. Smith)	NSF