Role	Category	Type	# needed	FTE	total FTE	needed	Current	Description
Software Integra	Code manageme	expert	1	0.3	0.3		Tom Junk	
Release manage	Code manageme	expert	1	0.2		0.2 Summer 2024	Jake Calcutt	build/release art based codes
Release manage	Code manageme	expert	1	0.2		0.2 now		build/release non-art codes
Package manage	Code manageme	shift	6	0.05	0.3			handle individual packages
Software Integra	Code manageme	expert	1	0.25	0.25		Tom Junk	
OS migration sup	Code manageme	expert	1	0.25	0.25		Mat Muether, Callum Wilkinson	
Framework integ	Code manageme	expert	3	0.5	1.5 now		liasion to framework project	
Framework deve	Framework deve	expert	5	0.7	3.5 [2] now		Mat Muether, Callum Wilkinson ...	liasion to framework project
Persistency deve	Framework deve	expert	1	0.5	0.5		Barnali Chowdhuri	Persistency/IO
Workflow develo	Workflow develo	expert	1	0.5	0.5 now		Andrew McNab, Chris Brew, Raja Nandakumar	justIN system development
Workflow commis	Workflow develo	expert	1	0.5	0.5 now		Andrew McNab, Chris Brew, Raja Nandakumar	justIN release management and validation
Workflow integra	Workflow develo	expert	4	0.25	1		Jake Calcutt +	Develop script system for generic workflows
Workflow system	Workflow and mc	expert	1	0.2	0.2 now		Andrew McNab, Chris Brew, Raja Nandakumar	Responsible for workflow system operations
Workflow scripts	Workflow and mc	shift	2	0.1	0.2		Jake Calcutt	Customize scripts for new particular CPU workflows
Production Mana	Workflow and mc	expert	2	0.5	1		Aaron Higuera, Elisabetta Pennacchio, Matt Kramer	Develop/manage high level production tasks
Production work	Workflow and mc	shift	8	0.2	1.6			Run production tasks under supervision of Production manager
Monitoring devel	Monitoring devel	expert	4	0.5	2		Wenlong Yuan	Develop monitoring tools
GPU integration	GPU Integration	expert	4	0.5	2		Matt Kramer	
Analysis Develo	Analysis Develo	expert	4	0.5	2		who?	configure analysis systems
Analysis Operati	Analysis operati	expert	2	0.5	1		who?	support operations
Database Coordi	Database develo	expert	2	0.25	0.5		Ana Paula Viscaya Hernandez, Norm Buchanan	overall database strategy
Runs Database	Database develo	expert	1	0.25	0.25		Ana Paula Viscaya Hernandez	Design database and get data from different databases
Conditions datab	Database develo	expert	2	0.5	1		Ana Paula Viscaya Hernandez	Implement new features, C++ and art interface
Caching databas	Database develo	expert	1	0.25	0.25		Alezander Rahe	Master student with caching project
Calibration datab	Database develo	expert	1	0.25	0.25			
Slow Controls da	Database develo	expert	1	0.25	0.25		Nilay Bostan	
Hardware Databa	Database develo	expert	1	1	1		Alex Wagner	implementation of hardware databse
Hardware Databa	Database develo	expert	1	0.25	0.25		Hajime Muramats	design of hardware database
Runs Database	Database operat	expert	1	0.25	0.25		Ana Paula Viscaya Hernandez [3]	Monitor data transfer and functionality of input databases
Database Coordi	Database operat	expert	2	0.5	1		Ana Paula Viscaya Hernandez, Norm Buchanan	overall database strategy
Conditions Datab	Database operat	shift	5	0.25	1.25			
Hardware Databa	Database operat	shift	2	0.25	0.5		??	support for hardware database
Database Admini	Database admini	expert	2	0.25	0.5		Steve White, Vladimir Podstavkov, Natalia Ratnikova	Maintain backend of IFbeam, conditions, hardware database
Training	User Support an	expert	2	0.25	0.5		David Demuth	Training coordinator
Documentation d	User Support an	expert	2	0.25	0.5			
User support	User Support an	expert	1	0.5	0.5			
User support	User Support an	shift	10	0.05	0.5			
Consortium Lead	Management	expert	1	0.5	0.5		Heidi Schellman	
Host Lab Lead	Management	expert	1	0.5	0.5		Ken Herner	
Core Software Le	Management	expert	1	0.5	0.5		Mike Kirby	
Compute Lead	Management	expert	1	0.5	0.5		Andrew McNab	
Subgroup leader	Management	expert	20	0.05	1		various	
Core Data manac	Data Manageme	expert	2	0.5		1	Doug Benjamin, Steve Timm	Manage/develop core data distribution infrastructure
Data manageme	Data Manageme	expert	4	0.5	2		ruslo..	
Data manageme	Data manageme	expert	2	0.25	0.5			
Data Collection n	Data manageme	expert	1	0.25	0.25 Aaron Higuera		Define and manage physics data samples	
Data manageme	Data manageme	shift	5	0.25	1.25		Define and manage physics data samples	

		All	expert	shift	delta		FTE	2029
	Database admir	0.5	0.5	0	0	Database admir	0.5	
	Database devel	3.75	3.75	0	0.75	Database devel	3	
	Data managem	3	3	0	0	Data managem	3	
	Workflow devel	2	2	0	0	Workflow devel	2	
	Monitoring dev	2	2	0	0	Monitoring dev	2	
	Code managem	2	2	0	0	Code managem	2	
	Framework dev	4	4	0	1	Framework dev	3	
	GPU integration	2	2	0	0	GPU integration	2	
	Analysis develo	2	2	0	0	Analysis devel.	2	
	Analysis operati	1	1	0	0	Analysis operati	1	
	Database opera	3	1.25	1.75	0	Database opera	3	
	Data managem	2	0.75	1.25	0	Data managem	2	
	Workflow and r	3	1.2	1.8	0	Workflow and r	3	
	Management	3	3	0	0	Management	3	
	Code managem	1	0.7	0.3	0	Code managem	1	
	User Support a	2	1.5	0.5	0	User Support ar	2	
	total	36.25	30.65	5.6			34.5	

old	Category	Type	# needed	FTE	needed	Current	Description
Software integration coordinator	Code integration	?		0.5		Tom Junk	
Release manager 1	Code integration	In kind		0.2	Summer 2024	Jake Calcutt	build/release art based codes
Release manager 2	Code integration	In kind		0.2	now		build/release non-art codes
Framework integration	Code integration	In kind		0.5	now	Mat Muether, Callum Wilkinson	liasion to framework project
Persistency	Code integration			0.5		Barnali Chowdhuri	Persistency/IO
Core Data manager	Data management	operations fundin	2	0.5		Doug Benjamin, Steve Timm	Manage/develop core data distribution infrastructure
Data management operations	Data management	shift	3	0.2			
Data Collection manager	Data management	In kind	1	0.2		Aaron Higuera	Define and manage physics data samples
Workflow management	Workflow		2	0.5		Andrew McNab +	Justin system
Workflow integration	Workflow	In kind	2	0.1		Jake Calcutt +	Write scripts for particular CPU workflows
HPC integration	Global Systems		3	0.5			Integrate GPU resources at multiple sites/architectures
CPU site integration	Global Systems						
Disk site integration	Global Systems						
Analysis systems	Global Systems						
Monitoring	Monitoring			0.2		Wenlong Yuan	Develop monitoring tools
Production Manager	Production	In kind	2	0.5		Aaron Higuera, Elisabetta Pennachio, Matt Kramer	Develop/manage high level production tasks
Production worker	Production	shift	10	0.2			Run production tasks under supervision of Production manager
Database Coordinator	Databases		2	0.5		Ana Paula Vacaya Hernandez, Norm Buchanan	overall database strategy
Database Admiration	Databases		2	0.25		Steve White ...	implementation of hardware database
Hardware Databases	Databases		1	0.75		Alex Wagner	design of hardware database
Hardware Databases	Databases		1	0.25		Hajime Muramatsu	
Training	User Support and Documenta	In kind	2	0.25		David Demuth	Training coordinator
Documentation development	User Support and Documenta	In kind	5	0.1			
User support	User Support and Documenta	shift	10	0.1			
Consortium Lead	Management	?	1	0.5		Heidi Schellman	
Host Lab Lead	Management	?	1	0.5		Ken Herner	
Core Software Lead	Management	?	1	0.5		Mike Kirby	
Compute Lead	Management	?	1	0.5		Andrew McNab	

[1] Did we double count Tom as Software Integration coordinator in both dev and ops?
-Ken Herner
Yes, people can be both dev and ops.
-Heidi M Schellman

[2] Bumping to 3.5 from 2.5 after discussion with Kyle et al.
-Ken Herner

[3] I think we have over-subscribed Ana Paula. Looks like she adds up to >1.
-Ken Herner
No, i think you are looking at both her and Norm. Column E has the work per person
-Heidi M Schellman