



# IceCube Maintenance and operations Revised Proposal Staffing Matrix by Institutions

September 30, 2009

NSF M&O Core	U.S. Service Work				Non U.S. Service Work	Grand Total						
	U.S. Base Grants	U.S. Institutional Support	Total									
	AD Administration	GR Graduate Student	PO Postdoctoral Scientist	TE Technician								
	CS Computer Science Eng.	KE Key Personnel/Faculty	SC Scientist	WO Winterover								
	EN Engineer	MA Management	SE Senior Engineer									
US / Non-US	Institution	Labor Cat.	Names	WBS Level 3		NSF M&O Core	U.S. Base Grants	U.S. Institutional Support	Total	Non U.S. Service Work	Grand Total	
	UA	KE	Williams, Dawn	2.2.8	Detector Calibration			0.15	0.15		0.15	
				2.5.3	Data Quality				0.15	0.15		0.15
		<b>KE Total</b>						<b>0.30</b>	<b>0.30</b>		<b>0.30</b>	
		PO	Zarzhitzky, Pavel	2.2.8	Detector Calibration		0.20		0.20		0.20	
				2.5.1	Simulation Programs		0.30		0.30		0.30	
		<b>PO Total</b>					<b>0.50</b>		<b>0.50</b>		<b>0.50</b>	
		GR	Xu, Donglian	2.2.7	Detector Monitoring		0.03		0.03		0.03	
				2.2.8	Detector Calibration		0.25		0.25		0.25	
		<b>GR Total</b>					<b>0.28</b>		<b>0.28</b>		<b>0.28</b>	
		<b>UA Total</b>						<b>0.78</b>	<b>0.30</b>	<b>1.08</b>		<b>1.08</b>
	UAA	KE	Rawlins, Katherine	2.2.7	Detector Monitoring			0.02	0.02		0.02	
				2.5.1	Simulation Programs		0.40		0.40		0.40	
	<b>KE Total</b>						<b>0.42</b>	<b>0.42</b>		<b>0.42</b>		
	<b>UAA Total</b>						<b>0.42</b>	<b>0.42</b>			<b>0.42</b>	
	UCB	KE	Price, Buford	2.1.1	Administration			0.10	0.10		0.10	
				<b>KE Total</b>						<b>0.10</b>	<b>0.10</b>	
		SC	Filimonov, Kirill	UCB SC	2.2.7	Detector Monitoring		0.50		0.50		0.50
					2.2.7	Detector Monitoring		0.02		0.02		0.02
					2.1.1	Administration		0.10		0.10		0.10
					2.2.8	Detector Calibration		0.15		0.15		0.15
					2.4.2	Physics Filters		0.25		0.25		0.25
		2.5.1	Simulation Programs		0.50		0.50		0.50			
		<b>SC Total</b>					<b>1.02</b>		<b>1.02</b>		<b>1.52</b>	
		GR	Dagostino, Michelangelo	2.2.8	Detector Calibration		0.10		0.10		0.10	
	UCB GR			2.2.7	Detector Monitoring		0.02		0.02		0.02	
	<b>GR Total</b>					<b>0.12</b>		<b>0.12</b>		<b>0.12</b>		
	<b>UCB Total</b>						<b>0.50</b>	<b>1.13</b>	<b>1.01</b>		<b>1.73</b>	
	UCI	PO	Silverstri, Andrea	2.2.7	Detector Monitoring		0.01		0.01		0.01	
				<b>PO Total</b>					<b>0.01</b>	<b>0.01</b>		<b>0.01</b>
		GR	Hanson, Jordan	2.2.7	Detector Monitoring		0.01		0.01		0.01	
	<b>GR Total</b>					<b>0.01</b>		<b>0.01</b>		<b>0.01</b>		
	<b>UCI Total</b>						<b>0.02</b>	<b>0.02</b>			<b>0.02</b>	
	UD	KE	Gaisser, Tom	2.1.1	Administration			0.30	0.30		0.30	
				Seckel, David	2.4.1	TFT Coordination		0.10		0.10		0.10
					UD KE	2.2.2	Data Acquisition		0.05		0.05	
		<b>KE Total</b>						<b>0.45</b>	<b>0.45</b>		<b>0.45</b>	
		SC	UD SC	2.2.9	IceTop Operations	1.00					1.00	
		<b>SC Total</b>				<b>1.00</b>	<b>0.00</b>		<b>0.00</b>		<b>1.00</b>	
		PO	Hussain, Shahid	2.3.5	Simulation Production		0.15		0.15		0.15	
				2.4.2	Physics Filters		0.15		0.15		0.15	
				Kuwabara, Takao	2.2.7	Detector Monitoring		0.25		0.25		0.25
		<b>PO Total</b>					<b>0.55</b>		<b>0.55</b>		<b>0.55</b>	
	GR	Ruzybaev, Bakhtiyar	2.3.5	Simulation Production		0.30		0.30		0.30		
			Xu, Chen	2.5.2	Reconstruction/ Analysis tools		0.30		0.30		0.30	
	<b>GR Total</b>					<b>0.60</b>		<b>0.60</b>		<b>0.60</b>		
	<b>UD Total</b>						<b>1.00</b>	<b>1.15</b>	<b>0.45</b>		<b>1.60</b>	
	UMD	KE	Hoffman, Kara	2.1.2	Engineering and R&D Support			0.20	0.20		0.20	
				2.4.2	Physics Filters		0.25		0.25		0.25	
				Sullivan, Greg	2.1.1	Administration		0.20		0.20		0.20
				UMD KE	2.1.4	Education & Outreach		0.10		0.10		0.10
		<b>KE Total</b>						<b>0.75</b>	<b>0.75</b>		<b>0.75</b>	
		SC	Blaufuss, Erik	2.2.3	Online Filter (PnF)	0.20					0.20	
				2.3.1	Core Software		0.15		0.15		0.15	
				2.4.1	TFT Coordination		0.30		0.30		0.30	
				Schmidt, Torsten	2.2.3	Online Filter (PnF)		0.25		0.25		0.25
				2.3.1	Core Software		0.50		0.50		0.50	
		<b>SC Total</b>				<b>1.25</b>	<b>0.15</b>		<b>0.15</b>		<b>1.40</b>	
		PO	Olivas, Alex	2.1.1	Administration		0.10		0.10		0.10	
				2.4.2	Physics Filters		0.25		0.25		0.25	
				2.5.1	Simulation Programs		0.20		0.20		0.20	
				2.5.2	Reconstruction/ Analysis tools		0.25		0.25		0.25	
				UMD PO	2.2.7	Detector Monitoring		0.03		0.03		0.03
		Wissing, Henrike	2.5.1	Simulation Programs		0.25		0.25		0.25		
		<b>PO Total</b>				<b>0.20</b>	<b>0.88</b>		<b>0.88</b>		<b>1.08</b>	
	GR	Christy, Brian	2.3.5	Simulation Production		0.25		0.25		0.25		
			2.2.3	Online Filter (PnF)		0.25		0.25		0.25		
			2.5.1	Simulation Programs		0.25		0.25		0.25		
			2.5.2	Reconstruction/ Analysis tools		0.25		0.25		0.25		
		UMD GR	2.2.7	Detector Monitoring		0.06		0.06		0.06		
		2.3.1	Core Software		0.25		0.25		0.25			
		2.4.1	TFT Coordination		0.20		0.20		0.20			
	Ehrlich, Ralf	2.3.1	Core Software		0.50		0.50		0.50			
	<b>GR Total</b>					<b>2.01</b>		<b>2.01</b>		<b>2.01</b>		
	CS	UMD CS	2.3.1	Core Software		0.25		0.25		0.25		
	<b>CS Total</b>					<b>0.25</b>		<b>0.25</b>		<b>0.25</b>		
	TE	Straszheim, Troy	2.3.1	Core Software		0.88		0.88		0.88		
			UMD TE	2.3.3	Computing Resources		0.25		0.25		0.25	
	<b>TE Total</b>					<b>1.13</b>		<b>1.13</b>		<b>1.13</b>		
	<b>UMD Total</b>						<b>2.83</b>	<b>3.04</b>	<b>0.75</b>		<b>3.79</b>	



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September 30, 2009

US / Non-US	Institution	Labor Cat.	Names	WBS Level 3	NSF M&O Core	U.S. Service Work			Non U.S. Service Work	Grand Total																															
						U.S. Base Grants	U.S. Institutional Support	Total																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Cat.</td><td>Description</td><td>Cat.</td><td>Description</td><td>Cat.</td><td>Description</td><td>Cat.</td><td>Description</td> </tr> <tr> <td>AD</td><td>Administration</td><td>GR</td><td>Graduate Student</td><td>PO</td><td>Postdoctoral Scientist</td><td>TE</td><td>Technician</td> </tr> <tr> <td>CS</td><td>Computer Science Eng.</td><td>KE</td><td>Key Personnel/Faculty</td><td>SC</td><td>Scientist</td><td>WO</td><td>Winterover</td> </tr> <tr> <td>EN</td><td>Engineer</td><td>MA</td><td>Management</td><td>SE</td><td>Senior Engineer</td><td></td><td></td> </tr> </table>					Cat.	Description	Cat.	Description	Cat.	Description	Cat.	Description	AD	Administration	GR	Graduate Student	PO	Postdoctoral Scientist	TE	Technician	CS	Computer Science Eng.	KE	Key Personnel/Faculty	SC	Scientist	WO	Winterover	EN	Engineer	MA	Management	SE	Senior Engineer							
Cat.	Description	Cat.	Description	Cat.	Description	Cat.	Description																																		
AD	Administration	GR	Graduate Student	PO	Postdoctoral Scientist	TE	Technician																																		
CS	Computer Science Eng.	KE	Key Personnel/Faculty	SC	Scientist	WO	Winterover																																		
EN	Engineer	MA	Management	SE	Senior Engineer																																				
		WO	UW WO	2.2.1	Run Coordination	3.00				3.00																															
		<b>WO Total</b>				<b>3.00</b>				<b>3.00</b>																															
		AD	Malkus, Evelyn	2.1.4	Education & Outreach	1.00				1.00																															
			Richards, John	2.3.2	Data Storage & Transfer	1.00				1.00																															
			UW AD	2.1.1	Administration	0.50		0.50	0.50	1.00																															
				2.1.4	Education & Outreach	0.25				0.25																															
		<b>AD Total</b>				<b>2.75</b>		<b>0.50</b>	<b>0.50</b>	<b>3.25</b>																															
		<b>UW Total</b>				<b>27.12</b>	<b>4.19</b>	<b>1.82</b>	<b>6.01</b>	<b>33.12</b>																															
	UWRF	KE	Madsen, Jim	2.1.4	Education & Outreach			0.10	0.10	0.10																															
				2.5.2	Reconstruction/ Analysis tools			0.10	0.10	0.10																															
			Spiczak, Glenn	2.2.9	IceTop Operations			0.03	0.03	0.03																															
		<b>KE Total</b>						<b>0.23</b>	<b>0.23</b>	<b>0.23</b>																															
		SC	Abuzayyad, Tareq	2.5.2	Reconstruction/ Analysis tools			0.25	0.25	0.25																															
			Tamburro, Alessio	2.2.9	IceTop Operations			0.03	0.03	0.03																															
				2.5.2	Reconstruction/ Analysis tools			0.25	0.25	0.25																															
		<b>SC Total</b>						<b>0.53</b>	<b>0.53</b>	<b>0.53</b>																															
		TE	UWRF TE	2.1.4	Education & Outreach			0.15	0.15	0.15																															
		<b>TE Total</b>						<b>0.15</b>	<b>0.15</b>	<b>0.15</b>																															
		<b>UWRF Total</b>						<b>0.15</b>	<b>0.75</b>	<b>0.90</b>																															
<b>US Total</b>						<b>32.24</b>	<b>13.97</b>	<b>7.79</b>	<b>21.76</b>	<b>54.00</b>																															
Non-US	BUGH	KE	BUGH KE	2.1.1	Administration				0.05	0.05																															
				2.1.2	Engineering and R&D Support				0.05	0.05																															
				2.2.7	Detector Monitoring				0.30	0.30																															
		<b>KE Total</b>							<b>0.40</b>	<b>0.40</b>																															
		SC	BUGH SC	2.1.2	Engineering and R&D Support				0.20	0.20																															
		<b>SC Total</b>							<b>0.20</b>	<b>0.20</b>																															
		GR	BUGH GR	2.1.2	Engineering and R&D Support				0.10	0.10																															
				2.2.6	Experiment Control				0.24	0.24																															
				2.2.7	Detector Monitoring				0.06	0.06																															
				2.3.5	Simulation Production				0.40	0.40																															
				2.4.2	Physics Filters				0.20	0.20																															
				2.5.2	Reconstruction/ Analysis tools				0.50	0.50																															
		<b>GR Total</b>							<b>1.50</b>	<b>1.50</b>																															
		<b>BUGH Total</b>							<b>2.10</b>	<b>2.10</b>																															
	CHIBA	KE	CHIBA KE	2.4.2	Physics Filters				0.25	0.25																															
				2.5.2	Reconstruction/ Analysis tools				0.20	0.20																															
		<b>KE Total</b>							<b>0.45</b>	<b>0.45</b>																															
		SC	CHIBA SC	2.5.2	Reconstruction/ Analysis tools				0.20	0.20																															
		<b>SC Total</b>							<b>0.20</b>	<b>0.20</b>																															
		GR	CHIBA GR	2.2.7	Detector Monitoring				0.03	0.03																															
				2.4.2	Physics Filters				0.15	0.15																															
				2.5.2	Reconstruction/ Analysis tools				0.20	0.20																															
		<b>GR Total</b>							<b>0.38</b>	<b>0.38</b>																															
		<b>CHIBA Total</b>							<b>1.03</b>	<b>1.03</b>																															
	DESY	KE	DESY KE	2.1.1	Administration				0.20	0.20																															
		<b>KE Total</b>							<b>0.20</b>	<b>0.20</b>																															
		SC	DESY SC	2.2.2	Data Acquisition				0.30	0.30																															
				2.2.7	Detector Monitoring				0.26	0.26																															
				2.3.3	Computing Resources				0.10	0.10																															
				2.3.5	Simulation Production				0.15	0.15																															
		<b>SC Total</b>							<b>0.81</b>	<b>0.81</b>																															
		GR	DESY GR	2.1.2	Engineering and R&D Support				0.10	0.10																															
				2.2.6	Experiment Control				0.10	0.10																															
				2.2.7	Detector Monitoring				0.12	0.12																															
				2.2.8	Detector Calibration				0.10	0.10																															
				2.3.3	Computing Resources				0.15	0.15																															
				2.3.5	Simulation Production				0.35	0.35																															
				2.4.2	Physics Filters				0.35	0.35																															
				2.5.2	Reconstruction/ Analysis tools				0.30	0.30																															
		<b>GR Total</b>							<b>1.57</b>	<b>1.57</b>																															
		TE	DESY TE	2.1.5	Distributed Computing & Labor				0.50	0.50																															
				2.3.3	Computing Resources				1.10	1.10																															
		<b>TE Total</b>							<b>1.60</b>	<b>1.60</b>																															
		AD	DESY AD	2.1.1	Administration				0.10	0.10																															
		<b>AD Total</b>							<b>0.10</b>	<b>0.10</b>																															
		<b>DESY Total</b>							<b>4.28</b>	<b>4.28</b>																															
	DTMND	KE	DTMD KE	2.3.3	Computing Resources				0.25	0.25																															
		<b>KE Total</b>							<b>0.25</b>	<b>0.25</b>																															
		GR	DTMD GR	2.2.7	Detector Monitoring				0.03	0.03																															
				2.3.5	Simulation Production				0.40	0.40																															
		<b>GR Total</b>							<b>0.43</b>	<b>0.43</b>																															
		<b>DTMND Total</b>							<b>0.68</b>	<b>0.68</b>																															
	EPFL	KE	EPFL KE	2.1.2	Engineering and R&D Support				0.10	0.10																															
		<b>KE Total</b>							<b>0.10</b>	<b>0.10</b>																															
		SC	EPFL SC	2.5.2	Reconstruction/ Analysis tools				0.25	0.25																															
		<b>SC Total</b>							<b>0.25</b>	<b>0.25</b>																															
		GR	EPFL GR	2.2.7	Detector Monitoring				0.03	0.03																															
		<b>GR Total</b>							<b>0.03</b>	<b>0.03</b>																															
		<b>EPFL Total</b>							<b>0.38</b>	<b>0.38</b>																															

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							U.S. Base Grants	U.S. Institutional Support	Total		
	HUMB	SC	HUMB SC	2.2.7	Detector Monitoring					0.03	0.03
2.4.2				Physics Filters					0.55	0.55	
2.5.2				Reconstruction/ Analysis tools					0.50	0.50	
<b>SC Total</b>									<b>1.08</b>	<b>1.08</b>	
AD		HUMB AD	2.1.1	Administration						0.40	0.40
<b>AD Total</b>									<b>0.40</b>	<b>0.40</b>	
<b>HUMB Total</b>									<b>1.48</b>	<b>1.48</b>	
	MPI	KE	MPI KE	2.1.1	Administration					0.50	0.50
<b>KE Total</b>											<b>0.50</b>
PO		MPI PO	2.5.3	Data Quality						0.60	0.60
<b>PO Total</b>									<b>0.60</b>	<b>0.60</b>	
GR		MPI GR	2.2.7	Detector Monitoring						0.05	0.05
<b>GR Total</b>									<b>0.05</b>	<b>0.05</b>	
<b>MPI Total</b>									<b>1.15</b>	<b>1.15</b>	
	Non-US	SC	Non-US SC	2.2.1	Run Coordination					0.25	0.25
<b>SC Total</b>											<b>0.25</b>
PO		Hoshina, Kotoyo Non-US PO	2.5.1	Simulation Programs						0.80	0.80
			2.3.1	Core Software						0.38	0.38
			2.5.1	Simulation Programs						0.20	0.20
<b>PO Total</b>									<b>1.38</b>	<b>1.38</b>	
<b>Non-US Total</b>									<b>1.63</b>	<b>1.63</b>	
	RWTH	KE	RWTH KE	2.1.1	Administration					0.10	0.10
<b>KE Total</b>											<b>0.10</b>
SC		RWTH SC	2.1.2	Engineering and R&D Support						0.10	0.10
			2.3.1	Core Software						0.10	0.10
			2.3.5	Simulation Production						0.10	0.10
			2.4.2	Physics Filters						0.15	0.15
<b>SC Total</b>									<b>0.45</b>	<b>0.45</b>	
GR		RWTH GR	2.2.7	Detector Monitoring						0.09	0.09
			2.3.1	Core Software						0.15	0.15
			2.3.4	Data Production Processing						0.25	0.25
	2.3.5		Simulation Production						0.85	0.85	
	2.4.2		Physics Filters						0.15	0.15	
	2.5.2		Reconstruction/ Analysis tools						0.80	0.80	
<b>GR Total</b>									<b>2.29</b>	<b>2.29</b>	
<b>RWTH Total</b>									<b>2.84</b>	<b>2.84</b>	
	SU	KE	SU KE	2.1.1	Administration					0.60	0.60
2.4.2				Physics Filters						0.25	0.25
2.5.1				Simulation Programs						0.20	0.20
<b>KE Total</b>									<b>1.05</b>	<b>1.05</b>	
SC		SU SC	2.3.3	Computing Resources						0.50	0.50
			2.4.2	Physics Filters						0.30	0.30
			2.5.2	Reconstruction/ Analysis tools						0.15	0.15
<b>SC Total</b>									<b>0.95</b>	<b>0.95</b>	
GR		SU GR	2.2.7	Detector Monitoring						0.06	0.06
			2.3.5	Simulation Production						0.20	0.20
	2.4.2		Physics Filters						0.25	0.25	
<b>GR Total</b>									<b>0.51</b>	<b>0.51</b>	
<b>SU Total</b>									<b>2.51</b>	<b>2.51</b>	
	UC	SC	UC SC	2.5	Data Quality, Reconstruction & Simulation Tools					0.50	0.50
<b>SC Total</b>											<b>0.50</b>
GR		UC GR	2.2.1	Run Coordination						0.10	0.10
			2.2.7	Detector Monitoring						0.02	0.02
<b>GR Total</b>									<b>0.12</b>	<b>0.12</b>	
<b>UC Total</b>									<b>0.62</b>	<b>0.62</b>	
	UGENT	SC	UGENT SC	2.1.2	Engineering and R&D Support					0.05	0.05
2.5.1				Simulation Programs						0.10	0.10
<b>SC Total</b>									<b>0.15</b>	<b>0.15</b>	
GR		UGENT GR	2.1.2	Engineering and R&D Support						0.05	0.05
			2.2.7	Detector Monitoring						0.03	0.03
			2.5.1	Simulation Programs						0.40	0.40
<b>GR Total</b>									<b>0.48</b>	<b>0.48</b>	
<b>UGENT Total</b>									<b>0.63</b>	<b>0.63</b>	
	ULB	KE	ULB KE	2.1.1	Administration					0.20	0.20
2.1.2				Engineering and R&D Support						0.05	0.05
2.2.2				Data Acquisition						0.20	0.20
2.4.1				TFT Coordination						0.10	0.10
<b>KE Total</b>									<b>0.55</b>	<b>0.55</b>	
PO		ULB PO	2.3.3	Computing Resources						0.30	0.30
<b>PO Total</b>									<b>0.30</b>	<b>0.30</b>	
GR		ULB GR	2.2.7	Detector Monitoring						0.03	0.03
			2.3.4	Data Production Processing						0.20	0.20
			2.4.2	Physics Filters						0.10	0.10
<b>GR Total</b>									<b>0.33</b>	<b>0.33</b>	
TE	ULB TE	2.3.1	Core Software						0.25	0.25	
		2.3.5	Simulation Production						0.20	0.20	
<b>TE Total</b>									<b>0.45</b>	<b>0.45</b>	
<b>ULB Total</b>									<b>1.63</b>	<b>1.63</b>	

# IceCube Maintenance and operations Revised Proposal Staffing Matrix by Institutions

September 30, 2009

US / Non-US	Institution	Labor Cat.	Names	WBS Level 3	NSF M&O Core	U.S. Service Work			Non U.S. Service Work	Grand Total
						U.S. Base Grants	U.S. Institutional Support	Total		
	UM	KE	UM KE	2.1.1 Administration					0.15	0.15
		<b>KE Total</b>							<b>0.15</b>	<b>0.15</b>
		GR	UM GR	2.2.10 SuperNova Operations					0.70	0.70
				2.2.7 Detector Monitoring					0.30	0.30
				2.3.5 Simulation Production					0.45	0.45
				2.5.2 Reconstruction/ Analysis tools					0.20	0.20
		<b>GR Total</b>							<b>1.65</b>	<b>1.65</b>
	<b>UM Total</b>								<b>1.80</b>	<b>1.80</b>
	UMH	KE	UMH KE	2.2.7 Detector Monitoring					0.03	0.03
		<b>KE Total</b>							<b>0.03</b>	<b>0.03</b>
		GR	UMH GR	2.3.3 Computing Resources					0.30	0.30
		<b>GR Total</b>							<b>0.30</b>	<b>0.30</b>
	<b>UMH Total</b>								<b>0.33</b>	<b>0.33</b>
	UOX	KE	UOX KE	2.5.1 Simulation Programs					0.25	0.25
		<b>KE Total</b>							<b>0.25</b>	<b>0.25</b>
		SC	UOX SC	2.2.7 Detector Monitoring					0.02	0.02
				2.5.1 Simulation Programs					0.25	0.25
		<b>SC Total</b>							<b>0.27</b>	<b>0.27</b>
	<b>UOX Total</b>								<b>0.52</b>	<b>0.52</b>
	UU	KE	UU KE	2.1.1 Administration					0.30	0.30
				2.1.2 Engineering and R&D Support					0.20	0.20
				2.4.1 TFT Coordination					0.10	0.10
				2.4.2 Physics Filters					0.25	0.25
		<b>KE Total</b>							<b>0.85</b>	<b>0.85</b>
		GR	UU GR	2.2.7 Detector Monitoring					0.03	0.03
				2.4.2 Physics Filters					0.15	0.15
		<b>GR Total</b>							<b>0.18</b>	<b>0.18</b>
	<b>UU Total</b>								<b>1.03</b>	<b>1.03</b>
	VUB	KE	VUB KE	2.4.2 Physics Filters					0.20	0.20
		<b>KE Total</b>							<b>0.20</b>	<b>0.20</b>
		SC	VUB SC	2.3.5 Simulation Production					0.20	0.20
		<b>SC Total</b>							<b>0.20</b>	<b>0.20</b>
		GR	VUB GR	2.2.7 Detector Monitoring					0.03	0.03
		<b>GR Total</b>							<b>0.03</b>	<b>0.03</b>
	<b>VUB Total</b>								<b>0.43</b>	<b>0.43</b>
	UBONN	KE	UBONN KE	2.1.1 Administration					0.10	0.10
				2.4.1 TFT Coordination					0.10	0.10
				2.4.2 Physics Filters					0.25	0.25
		<b>KE Total</b>							<b>0.45</b>	<b>0.45</b>
		PO	UBONN PO	2.5.2 Reconstruction/ Analysis tools					0.20	0.20
		<b>PO Total</b>							<b>0.20</b>	<b>0.20</b>
		GR	UBONN GR	2.2.7 Detector Monitoring					0.03	0.03
				2.4.2 Physics Filters					0.25	0.25
		<b>GR Total</b>							<b>0.28</b>	<b>0.28</b>
		AD	UBONN AD	2.1.1 Administration					0.10	0.10
		<b>AD Total</b>							<b>0.10</b>	<b>0.10</b>
	<b>UBONN Total</b>								<b>1.03</b>	<b>1.03</b>
	UBOCHUM	KE	UBOCHUM KE	2.1.1 Administration					0.10	0.10
		<b>KE Total</b>							<b>0.10</b>	<b>0.10</b>
		PO	UBOCHUM PO	2.2.7 Detector Monitoring					0.03	0.03
				2.5.2 Reconstruction/ Analysis tools					0.50	0.50
		<b>PO Total</b>							<b>0.53</b>	<b>0.53</b>
	<b>UBOCHUM Total</b>								<b>0.63</b>	<b>0.63</b>
<b>Non-US Total</b>									<b>26.72</b>	<b>26.72</b>
<b>Grand Total</b>					<b>32.24</b>	<b>13.97</b>	<b>7.79</b>	<b>21.76</b>	<b>26.72</b>	<b>80.72</b>