

IceCube MOU SOW Summary v8.0 DRAFT 2010.0323.xls

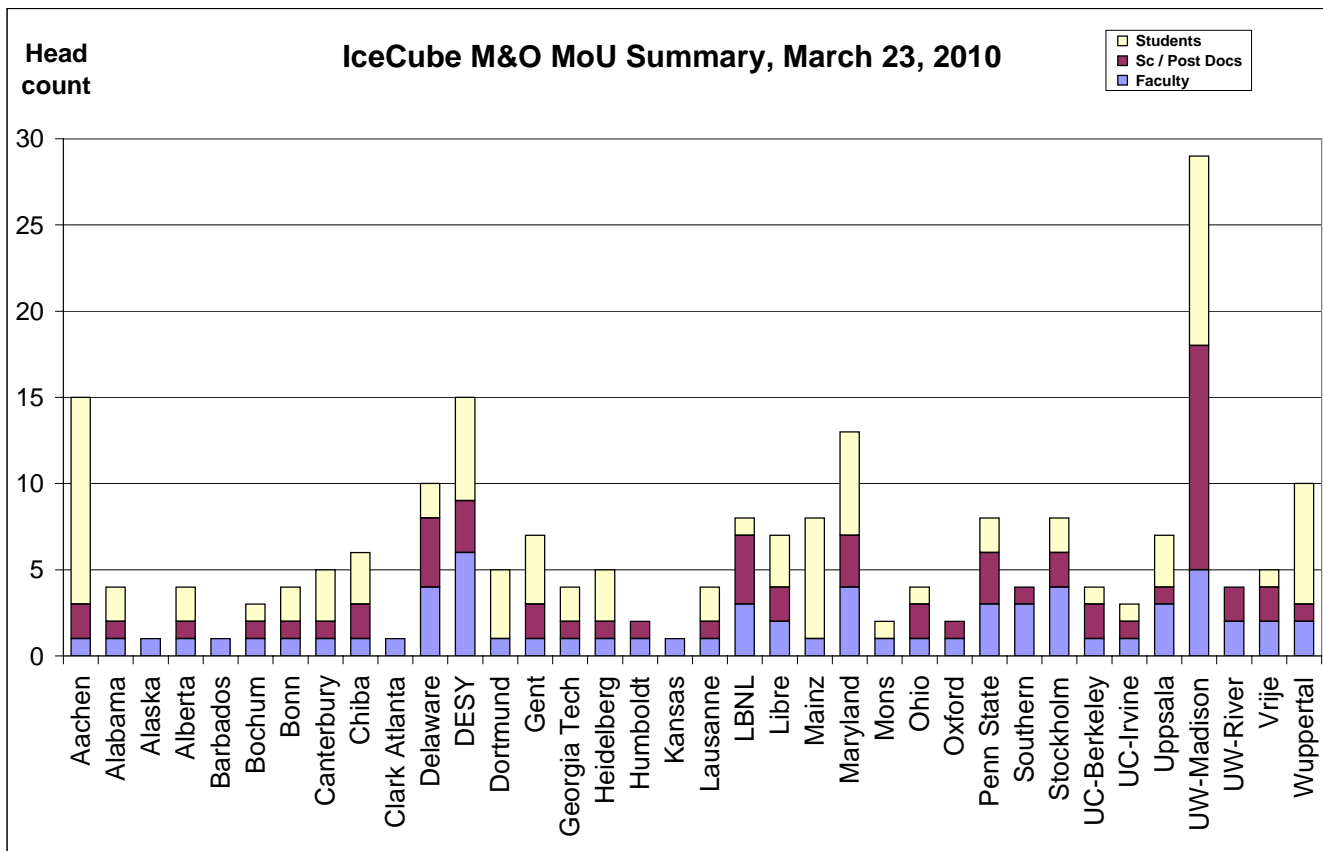
M&O Core & Service - Scientists

v8.0 , DRAFT March 23, 2010

Institution (Lead)	Head Count			SERVICE WORK paid by NSF M&O CORE & INST. IN-KIND (FTE)					Total
	Ph.D. scientists	Faculty Scientists / Post Docs	Students	WBS 2.1 Program Management	WBS 2.2 Detector Operations & Maintenance	WBS 2.3 Computing & Data Management	WBS 2.4 Triggering & Filtering	WBS 2.5 Data Quality, Reconstruction & Simulation Tools	
University of Alabama (Dawn Williams)	2	(1 1 2)			0.63			0.45	1.08
University of Alaska (Katherine Rawlins)	1	(1 0 0)			0.02			0.40	0.42
Clark Atlanta (George Japaridze)	1	(1 0 0)			0.02				0.02
Georgia Tech (Ignacio Taboada)	2	(1 1 2)		0.25	0.43	0.20	0.00		0.88
LBNL (Spencer Klein)	7	(3 4 1)		0.05	0.89	0.20	0.25	0.80	2.19
Ohio State University (James Beatty)	3	(1 2 1)		0.05	0.23		0.30	0.40	0.98
Pennsylvania State University (Doug Cowen)	6	(3 3 2)		1.05	0.06	0.58	0.95	0.47	3.11
Southern University (Ali Fazely)	4	(3 1 0)			0.02	0.30		0.60	0.92
University of California, Berkeley (Buford Price)	3	(1 2 1)		0.20	0.78		0.25	0.50	1.73
University of California, Irvine (Steve Barwick)	2	(1 1 1)			0.02				0.02
University of Delaware (Paul Evenson, acting for T. Gaisser)	8	(4 4 2)		0.30	1.30	0.15	0.10	1.15	3.00
University of Kansas (Dave Besson)	1	(1 0 0)		0.10	0.02				0.12
University of Maryland (Greg Sullivan)	7	(4 3 6)		0.60	0.54	1.00	1.00	1.40	4.54
University of Wisconsin, River Falls (Jim Madsen)	4	(2 2 0)		0.25	0.05			0.60	0.90
University of Wisconsin, Madison (Albrecht Karle)	18	(5 13 11)		1.38	2.22	1.45	0.95	2.35	8.35
U.S. Institutions Subtotal	69	(32 37 29)		4.23	7.22	3.88	3.80	9.12	28.25
DESY-Zeuthen (Christian Spiering)	9	(6 3 6)		0.30	0.88	2.35	0.35	0.10	3.98
RWTH Aachen (Christopher Wiebusch)	3	(1 2 12)		0.20	0.09	1.45	0.55	0.80	3.09
Universität Dortmund (Wolfgang Rhode)	1	(1 0 4)			0.03	0.65		0.20	0.88
Universität Mainz (Lutz Köpke)	1	(1 0 7)		0.15	1.00	0.45		0.20	1.80
Universität Wuppertal (Klaus Helbing)	3	(2 1 7)		0.40	0.60	0.40	0.20	0.50	2.10
Humboldt Universität Berlin (Hermann Kolanoski)	2	(1 1 0)			0.03		0.55	0.50	1.08
Universität Bochum (Julia Becker)	2	(1 1 1)		0.10	0.03			0.70	0.83
MPI Heidelberg (Elisa Resconi)	2	(1 1 3)		0.50	0.05			0.60	1.15
Universität Bonn (Marek Kowalski)	2	(1 1 2)		0.20	0.53		0.85	0.20	1.78
Université Libre de Bruxelles (Daniel Bertrand)	4	(2 2 3)		0.30	0.23	0.50	0.20		1.23
Université de Mons-Hainaut (Evelyne Daubie)	1	(1 0 1)			0.03	0.30			0.33
University of Gent (Dirk Ryckbosch)	3	(1 2 4)		0.10	0.03			0.50	0.63
Vrije Universiteit Brussel (Catherine de Clercq)	4	(2 2 1)			0.03	0.50	0.50		1.03
Stockholm University (Per Olof Hulth)	6	(4 2 2)		0.60	0.06	0.70	0.80	0.55	2.71
Uppsala University (Olga Botner)	4	(3 1 3)		0.80	0.03		0.50	0.20	1.53
University of Alberta (Darren, Grant)	2	(1 1 2)				0.30	0.15	0.80	1.25
University of Cave Hill, Barbados (Suru Seunarine)	1	(1 0 0)					0.15	0.15	0.30
University of Oxford (Subir Sarkar)	2	(1 1 0)			0.02			0.50	0.52
University of Canterbury (Jenni Adams)	2	(1 1 3)			0.12			0.50	0.62
Chiba University (Shigeru Yoshida)	3	(1 2 3)			0.03		0.40	0.60	1.03
Ecole Polytechnique Federale de Lausanne (Mathieu Ribordy)	2	(1 1 2)		0.10	0.03			0.25	0.38
Non-U.S. Institutions Subtotal	59	(34 25 66)		3.75	3.85	7.60	5.20	7.85	28.25
Total U.S. & Non-U.S.	128	(66 62 95)		7.98	11.06	11.48	9.00	16.97	56.49

Changes since V 7.2 are in red

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Institutional Chart



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	Ph.D. scientists	Faculty	Scientists / Post Docs	Students
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U.S. Institutions Subtotal	69	32	37	29
Non-U.S. Institutions Subtotal	59	34	25	66
Total U.S. & Non-U.S.	128	66	62	95