

IceCube M&O MoU SOW Summary v9.0 2010.09
M&O Core & In-Kind - Authors

v 9.0 , September 15, 2010

Funding Agency	Institution (Lead)	Authors Head Count			M&O Responsibilities funded by NSF M&O Core & Inst. In-Kind (FTE)					Total
		Ph.D. scientists	Faculty Scientists / Post Docs	PhD. 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	
NSF	University of Alabama (Dawn Williams)	3	(2 1 2)		0.75	0.63			0.45	1.83
NSF	University of Alaska (Katherine Rawlins)	1	(1 0 0)			0.02			0.30	0.32
NSF	Clark Atlanta (George Japaridze)	1	(1 0 0)			0.02				0.02
NSF	Georgia Tech (Ignacio Taboada)	2	(1 1 1)		0.25	0.23	0.20	0.00		0.68
NSF	LBNL (Spencer Klein)	7	(3 4 1)		0.15	0.89	0.20	0.25	0.80	2.29
NSF	Ohio State University (James Beatty)	3	(1 2 1)		0.05	0.23		0.15	0.10	0.53
NSF	Pennsylvania State University (Doug Cowen)	5	(3 2 2)		0.30	0.06	0.42	0.68	0.33	1.78
NSF	Southern University (Ali Fazely)	4	(3 1 0)			0.02	0.30		0.60	0.92
NSF	University of California, Berkeley (Buford Price)	3	(1 2 1)		0.20	0.78		0.25	0.50	1.73
NSF	University of California, Irvine (Steve Barwick)	2	(1 1 1)			0.02				0.02
NSF	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
NSF	University of Kansas (Dave Besson)	1	(1 0 0)		0.10	0.02				0.12
NSF	University of Maryland (Greg Sullivan)	7	(4 3 6)		0.70	0.54	1.00	1.00	1.40	4.64
NSF	University of Wisconsin, River Falls (Jim Madsen)	3	(2 1 0)		0.25	0.05			0.30	0.60
NSF	University of Wisconsin, Madison (Albrecht Karle)	18	(5 13 12)		1.38	2.22	1.45	0.95	2.35	8.35
	U.S. Institutions Subtotal	68	(33 35 29)		4.43	7.02	3.72	3.38	8.28	26.82
DESY	DESY-Zeuthen (Christian Spiering)	8	(6 2 6)		0.25	0.83	2.75	0.20	0.30	4.33
BMBF	RWTH Aachen (Christopher Wiebusch)	3	(1 2 12)		0.20	0.09	1.45	0.40	0.95	3.09
BMBF	Universität Dortmund (Wolfgang Rhode)	1	(1 0 4)			0.03	0.65		0.20	0.88
BMBF	Universität Mainz (Lutz Köpke)	1	(1 0 7)		0.15	1.00	0.45		0.20	1.80
BMBF	Universität Wuppertal (Klaus Helbing)	3	(2 1 7)		0.40	0.60	0.40	0.20	0.50	2.10
BMBF	Humboldt Universität Berlin (Hermann Kolanoski)	2	(1 1 0)		0.00	0.13		0.40	0.10	0.63
BMBF	Universität Bochum (Julia Becker)	1	(1 0 1)		0.10	0.03			0.25	0.38
DFG	MPI Heidelberg (Elisa Resconi)	2	(1 1 3)		0.50	0.05			0.60	1.15
DFG	Universität Bonn (Marek Kowalski)	2	(1 1 2)		0.10	0.53		0.55	0.40	1.58
FNRS	Universite Libre de Bruxelles (Daniel Bertrand)	4	(2 2 3)		0.30	0.23	0.50	0.20		1.23
FNRS	Universite de Mons (Evelyne Daubie)	0	(0 0 1)			0.03	0.30			0.33
FWO	University of Gent (Dirk Ryckbosch)	3	(1 2 4)		0.10	0.03			0.50	0.63
FWO	Vrije Universiteit Brussel (Catherine de Clercq)	6	(2 4 1)			0.06	0.25	0.50	1.75	2.56
SRC	Stockholm University (Per Olof Hulth)	6	(4 2 2)		0.60	0.06	0.70	0.80	0.55	2.71
SRC	Uppsala University (Olga Botner)	4	(3 1 3)		0.70	0.23		0.60	0.05	1.58
NSERC	University of Alberta (Darren, Grant)	2	(1 1 0)				0.10	0.00	0.40	0.50
	University of the West Indies, Barbados (Suruj Seunarine)	1	(1 0 0)					0.15	0.15	0.30
STFC	University of Oxford (Subir Sarkar)	1	(1 0 0)			0.02			0.10	0.12
MARSDEN	University of Canterbury (Jenni Adams)	2	(1 1 3)			0.12			0.50	0.62
JSPS	Chiba University (Shigeru Yoshida)	3	(1 2 3)			0.03		0.40	0.60	1.03
SNSF	Ecole Polytechnique Federale de Lausanne (Mathieu Ribordy)	2	(1 1 2)		0.10	0.03			0.25	0.38
	Non-U.S. Institutions Subtotal	57	(33 24 64)		3.50	4.13	7.55	4.40	8.35	27.93
	Total U.S. & Non-U.S.	125	(66 59 93)		7.93	11.14	11.27	7.78	16.63	54.74

Changes since last official version of the MoU-SOW v 8.3 are colored red