IceCube M&O MoU SOW Summary v14.0 2013.0430.xls
Authors Contribution

Funding Agency	Institution (Lead)	Institution	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	Total
NSF	University of Alabama (Dawn Williams)	Alabama	2	(2	0	3)		0.39		0.70	0.55	1.64
NSF	University of Alaska (Katherine Rawlins)	Alaska	1	(1	0	0)		0.02			0.30	0.32
NSF	Clark Atlanta (George Japaridze)	Clark Atlanta	1	(1	0	0)		0.02				0.02
NSF	Georgia Tech (Ignacio Taboada)	Georgia Tech	1	(1	0	1)		0.23		0.25		0.48
NSF	LBNL (Spencer Klein)	LBNL	6	(4	2	2)	0.15	0.34	0.20	0.55	1.10	2.34
NSF	Ohio State University (James Beatty)	Ohio	4	(1	3	0)	0.05	0.22		0.25		0.52
NSF	Pennsylvania State University (Doug Cowen)	Penn State	6	(3	3	2)	0.75	0.06	0.42	0.15	1.17	2.55
NSF	Southern University (Ali Fazely)	Southern	3	(2	1	0)		0.02	0.30		0.60	0.92
NSF	Stony Brook University (Joanna Kiryluk)	Stony Brook	2	(1	1	1)	0.05	0.15		0.45	0.40	1.05
NSF	University of California, Berkeley (Buford Price)	UC-Berkeley	3	(1	2	1)	0.30	0.78		0.25	0.50	1.83
NSF	University of California, Irvine (Steve Barwick)	UC-Irvine	1	(1	0	1)		0.02				0.02
NSF	University of Delaware (Tom Gaisser)	Delaware	9	(4	5	0)	0.30	1.35	0.50	0.35	0.95	3.45
NSF	University of Kansas (Dave Besson)	Kansas	1	(1	0	0)	0.10	0.02				0.12
NSF	University of Maryland (Greg Sullivan)	Maryland	7	(4	3	4)	0.90	0.54	1.00	1.00	1.15	4.59
NSF	University of Wisconsin, River Falls (Jim Madsen)	UW-River Falls	3	(3	0	0)	0.45	0.03		0.20	0.20	0.88
NSF	University of Wisconsin, Madison (Albrecht Karle)	UW-Madison	19	(5	14	11)	1.55	3.04	1.40	0.50	3.20	9.69
	U.S. Institutions Subtotal		**69**	**(35**	**34**	**26)**	**4.60**	**7.22**	**3.82**	**4.65**	**10.12**	**30.41**
DESY	DESY-Zeuthen (Christian Spiering)	DESY	8	(3	5	9)	0.75	0.37	2.85	0.60	0.10	4.67
BMBF	RWTH Aachen (Christopher Wiebusch)	Aachen	1	(1	0	11)	0.50	0.27	0.70	0.20	0.50	2.17
BMBF	Universität Dortmund (Wolfgang Rhode)	Dortmund	1	(1	0	4)		0.03	0.65		0.20	0.88
BMBF	Universität Mainz (Lutz Köpke)	Mainz	2	(2	0	6)	0.25	1.25	0.10		0.30	1.90
BMBF	Universität Wuppertal (Klaus Helbing)	Wuppertal	2	(1	1	7)	0.10	0.50	0.20	0.45	0.60	1.85
BMBF	Humboldt Universität Berlin (Alexander Kappes)	Humboldt	2	(2	0	1)	0.10				0.25	0.35
BMBF	Universität Bochum (Julia Tjus)	Bochum	1	(1	0	2)	0.10	0.03			0.20	0.33
BMBF	Technische Universität München (Elisa Resconi)	Munich	3	(1	2	2)		0.05			0.60	0.65
DFG	Universität Bonn (Marek Kowalski)	Bonn	2	(1	1	4)	0.55			0.50	0.55	1.60
FNRS	Universite Libre de Bruxelles (Kael Hanson)	Libre	3	(1	2	4)	0.65	1.06	0.20			1.91
FNRS	Universite de Mons (Evelyne Daubie)	Mons	1	(0	1	0)		0.10	0.55			0.65
FWO	University of Gent (Dirk Ryckbosch)	Gent	3	(1	2	5)	0.10	0.03			0.40	0.53
FWO	Vrije Universiteit Brussel (Catherine de Clercq)	Vrije	4	(2	2	3)	0.20	0.12		0.50	3.00	3.82
SRC	Stockholm University (Klas Hultqvist)	Stockholm	5	(5	0	4)	0.50	0.06	0.40	0.60	0.55	2.11
SRC	Uppsala University (Olga Botner)	Uppsala	4	(3	1	2)	0.60	0.03	0.30	1.00	0.20	2.13
NSERC	University of Alberta (Darren, Grant)	Alberta	1	(1	0	1)	0.20		0.30	0.35	0.10	0.95
STFC	University of Oxford (Subir Sarkar)	Oxford	1	(1	0	0)		0.02			0.10	0.12
MARSDEN	University of Canterbury (Jenni Adams)	Canterbury	1	(1	0	3)		0.12				0.12
	University of Adelaide (Gary Hill)	Adelaide	2	(1	1	1)					1.90	1.90
JSPS	Chiba University (Shigeru Yoshida)	Chiba	3	(1	2	1)		0.03		0.40	0.60	1.03
SNSF	Ecole Polytechnique Federale de Lausanne (Mathieu Ribordy)	Lausanne	2	(1	1	1)		0.55	0.15		0.50	1.20
SNSF	Université de Genève (Teresa Montaruli)	Geneva	3	(1	2	2)	0.10	0.30	0.10	0.70	0.90	2.10
	Non-U.S. Institutions Subtotal		**55**	**(32**	**23**	**73)**	**4.15**	**5.47**	**6.50**	**5.30**	**11.55**	**32.97**
	Total U.S. & Non-U.S.		**124**	**(67**	**57**	**99)**	**8.75**	**12.69**	**10.32**	**9.95**	**21.67**	**63.37**

Changes since last official version are colored red