LIGO Scientific Collaboration Author List
T060107-02 (ApJ Format) September 14, 2006

B. Abbott[12], R. Abbott[12], R. Adhikari[12], J. Agresti[12], P. Ajith[2], B. Allen[42], R. Amin[16], S. B. Anderson[12], W. G. Anderson[42], M. Araya[12], H. Armandula[12], M. Ashley[3], S Aston[34], C. Aulbert[1], S. Babak[1], S. Ballmer[13], B. C. Barish[12], C. Barker[14], D. Barker[14], B. Barr[36], P. Barriga[41], M. A. Barton[12], K. Bayer[13], K. Belczynski[22], J. Betzwieser[13], P. Beyersdorf[26], B. Bhawal[12], I. A. Bilenko[19], G. Billingsley[12], E. Black[12], K. Blackburn[12], L. Blackburn[13], D. Blair[41], B. Bland[14], L. Bogue[15], R. Bork[12], S. Bose[43], P. R. Brady[42], V. B. Braginsky[19], J. E. Brau[39], A. Brooks[33], D. A. Brown[12], A. Bullington[26], A. Bunkowski[2], A. Buonanno[37], R. Burman[41], D. Busby[12], R. L. Byer[26], L. Cadonati[13], G. Cagnoli[36], J. B. Camp[20], J. Cannizzo[20], K. Cannon[42], C. A. Cantley[36], J. Cao[13], L. Cardenas[12], M. M. Casey[36], C. Cepeda[12], P. Charlton[12], S. Chatterji[12], S. Chelkowski[2], Y. Chen[1], D. Chin[38], E. Chin[41], J. Chow[3], N. Christensen[7], T. Cokelaer[6], C. N. Colacino[34], R. Coldwell[35], D. Cook[14], T. Corbitt[13], D. Coward[41], D. Coyne[12], J. D. E. Creighton[42], T. D. Creighton[12], D. R. M. Crooks[36], A. M. Cruise[34], A. Cumming[36], C. Cutler[5], J. Dalrymple[27], E. D'Ambrosio[12], K. Danzmann[31,2], G. Davies[6], G. de Vine[3], D. DeBra[26], J. Degallaix[41], V. Dergachev[38], S. Desai[28], R. DeSalvo[12], S. Dhurandar[11], A. Di Credico[27], M. Díaz[29], J. Dickson[3], G. Diederichs[31], A. Dietz[16], E. E. Doomes[25], R. W. P. Drever[4], J.-C. Dumas[41], R. J. Dupuis[12], P. Ehrens[12], E. Elliffe[36], T. Etzel[12], M. Evans[12], T. Evans[15], S. Fairhurst[42], Y. Fan[41], M. M. Fejer[26], L. S. Finn[28], N. Fotopoulos[13], A. Franzen[31], K. Y. Franzen[35], R. E. Frey[39], T. Fricke[40], P. Fritschel[13], V. V. Frolov[15], M. Fyffe[15], J. Garofoli[14], I. Gholami[1], J. A. Giaime[16], S. Giampanis[40], K. Goda[13], E. Goetz[38], L. Goggin[12], G. González[16], S. Gossler[3], A. Grant[36], S. Gras[41], C. Gray[14], M. Gray[3], J. Greenhalgh[23], A. M. Gretarsson[9], D. Grimmett[12], R. Grosso[29], H. Grote[2], S. Grunewald[1], M. Guenther[14], R. Gustafson[38], B. Hage[31], C. Hanna[16], J. Hanson[15], C. Hardham[26], J. Harms[2], G. Harry[13], E. Harstad[39], T. Hayler[23], J. Heefner[12], I. S. Heng[36], A. Heptonstall[36], M. Heurs[31],

M. Hewitson[2], S. Hild[31], N. Hindman[14], E. Hirose[27], D. Hoak[15], P. Hoang[12], D. Hosken[33], J. Hough[36], E. Howell[41], D. Hoyland[34], W. Hua[26], S. Huttner[36], D. Ingram[14], M. Ito[39], Y. Itoh[42], A. Ivanov[12], D. Jackrel[26], B. Johnson[14], W. W. Johnson[16], D. I. Jones[36], G. Jones[6], R. Jones[36], L. Ju[41], P. Kalmus[8], V. Kalogera[22], D. Kasprzyk[34], E. Katsavounidis[13], K. Kawabe[14], S. Kawamura[21], F. Kawazoe[21], W. Kells[12], F. Ya. Khalili[19], A. Khan[15], C. Kim[22], P. King[12], S. Klimenko[35], K. Kokeyama[21], V. Kondrashov[12], S. Koranda[42], D. Kozak[12], B. Krishnan[1], P. Kwee[31], P. K. Lam[3], M. Landry[14], B. Lantz[26], A. Lazzarini[12], B. Lee[41], M. Lei[12], V. Leonhardt[21], I. Leonor[39], K. Libbrecht[12], P. Lindquist[12], N. A. Lockerbie[34], M. Lormand[15], M. Lubinski[14], H. Lück[31,2], B. Machenschalk[1], M. MacInnis[13], M. Mageswaran[12], K. Mailand[12], M. Malec[31], V. Mandic[12], S. Márka[8], J. Markowitz[13], E. Maros[12], I. Martin[36], J. N. Marx[12], K. Mason[13], L. Matone[8], N. Mavalvala[13], R. McCarthy[14], D. E. McClelland[3], S. C. McGuire[25], M. McHugh[18], K. McKenzie[3], J. W. C. McNabb[28], S. McWilliams[20], T. Meier[31], A. Melissinos[40], G. Mendell[14], R. A. Mercer[35], S. Meshkov[12], E. Messaritaki[42], C. J. Messenger[36], D. Meyers[12], E. Mikhailov[13], S. Mitra[11], V. P. Mitrofanov[19], G. Mitselmakher[35], R. Mittleman[13], O. Miyakawa[12], S. Mohanty[29], G. Moreno[14], K. Mossavi[2], C. MowLowry[3], A. Moylan[3], D. Mudge[33], G. Mueller[35], H. Müller-Ebhardt[2], S. Mukherjee[29], J. Munch[33], P. Murray[36], E. Myers[14], J. Myers[14], G. Newton[36], K. Numata[20], B. O'Reilly[15], R. O'Shaughnessy[22], D. J. Ottaway[13], H. Overmier[15], B. J. Owen[28], Y. Pan[5], M. A. Papa[1,42], V. Parameshwaraiah[14], M. Pedraza[12], S. Penn[10], M. Pitkin[36], M. V. Plissi[36], R. Prix[1], V. Quetschke[35], F. Raab[14], D. Rabeling[3], H. Radkins[14], R. Rahkola[39], M. Rakhmanov[28], K. Rawlins[13], S. Ray-Majumder[42], V. Re[34], H. Rehbein[2], S. Reid[36], D. H. Reitze[35], L. Ribichini[2], R. Riesen[15], K. Riles[38], B. Rivera[14], D. I. Robertson[36], N. A. Robertson[26,36], C. Robinson[6], S. Roddy[15], A. Rodriguez[16], A. M. Rogan[43], J. Rollins[8], J. D. Romano[6], J. Romie[15], R. Route[26], S. Rowan[36], A. Rüdiger[2], L. Ruet[13], P. Russell[12], K. Ryan[14], S. Sakata[21], M. Samidi[12],

L. Sancho de la Jordana[32], V. Sandberg[14], V. Sannibale[12], S.Saraf[26], P. Sarin[13], B. S. Sathyaprakash[6], S. Sato[21], P. R. Saulson[27], R. Savage[14], S. Schediwy[41], R. Schilling[2], R. Schnabel[2], R. Schofield[39], B. F. Schutz[1,6], P. Schwinberg[14], S. M. Scott[3], S. E. Seader[43], A. C. Searle[3], B. Sears[12], F. Seifert[2], D. Sellers[15], A. S. Sengupta[6], P. Shawhan[12], B. Sheard[3], D. H. Shoemaker[13], A. Sibley[15], X. Siemens[42], D. Sigg[14], A. M. Sintes[32,1], B. Slagmolen[3], J. Slutsky[16], J. Smith[2], M. R. Smith[12], P. Sneddon[36], K. Somiya[2,1], C. Speake[34], O. Spjeld[15], K. A. Strain[36], D. M. Strom[39], A. Stuver[28], T. Summerscales[28], K. Sun[26], M. Sung[16], P. J. Sutton[12], D. B. Tanner[35], M. Tarallo[12], R. Taylor[12], R. Taylor[36], J. Thacker[15], K. A. Thorne[28], K. S. Thorne[5], A. Thüring[31], K. V. Tokmakov[19], C. Torres[29], C. Torrie[12], G. Traylor[15], M. Trias[32], W. Tyler[12], D. Ugolini[30], C. Ungarelli[34], H. Vahlbruch[31], M. Vallisneri[5], M. Varvella[12], S. Vass[12], A. Vecchio[34], J. Veitch[36], P. Veitch[33], A. Villar[12], C. Vorvick[14], S. P. Vyachanin[19], S. J. Waldman[12], L. Wallace[12], H. Ward[36], R. Ward[12], K. Watts[15], D. Webber[12], A. Weidner[2], A. Weinstein[12], R. Weiss[13], S. Wen[16], K. Wette[3], J. T. Whelan[18,1], D. M. Whitbeck[28], S. E. Whitcomb[12], B. F. Whiting[35], C. Wilkinson[14], P. A. Willems[12], B. Willke[31,2], I. Wilmut[23], W. Winkler[2], C. C. Wipf[13], S. Wise[35], A. G. Wiseman[42], G. Woan[36], D. Woods[42], R. Wooley[15], J. Worden[14], W. Wu[35], I. Yakushin[15], H. Yamamoto[12], Z. Yan[41], S. Yoshida[24], N. Yunes[28], M. Zanolin[13], L. Zhang[12], C. Zhao[41], N. Zotov[17], M. Zucker[15], H. zur Mühlen[31], J. Zweizig[12],

The LIGO Scientific Collaboration, http://www.ligo.org

[1]Albert-Einstein-Institut, Max-Planck-Institut für Gravitationsphysik, D-14476 Golm, Germany

[2]Albert-Einstein-Institut, Max-Planck-Institut für Gravitationsphysik, D-30167 Hannover, Germany

[3]Australian National University, Canberra, 0200, Australia

[4]California Institute of Technology, Pasadena, CA 91125, USA

[5]Caltech-CaRT, Pasadena, CA 91125, USA

[6]Cardiff University, Cardiff, CF2 3YB, United Kingdom

[7]Carleton College, Northfield, MN 55057, USA

[8]Columbia University, New York, NY 10027, USA

[9]Embry-Riddle Aeronautical University, Prescott, AZ 86301 USA

[10]Hobart and William Smith Colleges, Geneva, NY 14456, USA

[11]Inter-University Centre for Astronomy and Astrophysics, Pune - 411007, India

[12]LIGO - California Institute of Technology, Pasadena, CA 91125, USA

[13]LIGO - Massachusetts Institute of Technology, Cambridge, MA 02139, USA

[14]LIGO Hanford Observatory, Richland, WA 99352, USA

[15]LIGO Livingston Observatory, Livingston, LA 70754, USA

[16]Louisiana State University, Baton Rouge, LA 70803, USA

[17]Louisiana Tech University, Ruston, LA 71272, USA

[18]Loyola University, New Orleans, LA 70118, USA

[19]Moscow State University, Moscow, 119992, Russia

[20]NASA/Goddard Space Flight Center, Greenbelt, MD 20771, USA

[21]National Astronomical Observatory of Japan, Tokyo 181-8588, Japan

[22]Northwestern University, Evanston, IL 60208, USA

[23]Rutherford Appleton Laboratory, Chilton, Didcot, Oxon OX11 0QX United Kingdom

[24]Southeastern Louisiana University, Hammond, LA 70402, USA

Received _____; accepted _____

Submitted to Ap. J.

[25]Southern University and A&M College, Baton Rouge, LA 70813, USA

[26]Stanford University, Stanford, CA 94305, USA

[27]Syracuse University, Syracuse, NY 13244, USA

[28]The Pennsylvania State University, University Park, PA 16802, USA

[29]The University of Texas at Brownsville and Texas Southmost College, Brownsville, TX 78520, USA

[30]Trinity University, San Antonio, TX 78212, USA

[31]Universität Hannover, D-30167 Hannover, Germany

[32]Universitat de les Illes Balears, E-07122 Palma de Mallorca, Spain

[33]University of Adelaide, Adelaide, SA 5005, Australia

[34]University of Birmingham, Birmingham, B15 2TT, United Kingdom

[35]University of Florida, Gainesville, FL 32611, USA

[36]University of Glasgow, Glasgow, G12 8QQ, United Kingdom

[37]University of Maryland, College Park, MD 20742 USA

[38]University of Michigan, Ann Arbor, MI 48109, USA

[39]University of Oregon, Eugene, OR 97403, USA

[40]University of Rochester, Rochester, NY 14627, USA

[41]University of Western Australia, Crawley, WA 6009, Australia

[42]University of Wisconsin-Milwaukee, Milwaukee, WI 53201, USA

[43]Washington State University, Pullman, WA 99164, USA

ABSTRACT

This author list contains all authors and institution names for LSC papers. Please check and send suggestions or corrections to Peter Saulson, LSC Spokesman (saulson@physics.syr.edu), copying the LIGO Laboratory Deputy Director Stan Whitcomb, (stan@ligo.caltech.edu).

1. Acknowledgement

The following paragraph should serve as a starting point for acknowledging the support LSC has received.

The authors gratefully acknowledge the support of the United States National Science Foundation for the construction and operation of the LIGO Laboratory and the Particle Physics and Astronomy Research Council of the United Kingdom, the Max-Planck-Society and the State of Niedersachsen/Germany for support of the construction and operation of the GEO600 detector. The authors also gratefully acknowledge the support of the research by these agencies and by the Australian Research Council, the Natural Sciences and Engineering Research Council of Canada, the Council of Scientific and Industrial Research of India, the Department of Science and Technology of India, the Spanish Ministerio de Educacion y Ciencia, The National Aeronautics and Space Administration, the John Simon Guggenheim Foundation, the Alexander von Humboldt Foundation, the Leverhulme Trust, the David and Lucile Packard Foundation, the Research Corporation, and the Alfred P. Sloan Foundation.