

LSC S3 Author List: LIGO-T050096-02-Z, July 4, 2005

B. Abbott,¹² R. Abbott,¹² R. Adhikari,¹² J. Agresti,¹² B. Allen,³⁷ J. Allen,¹³ R. Amin,¹⁶ S. B. Anderson,¹² W. G. Anderson,³⁷ M. Araya,¹² H. Armandula,¹² M. Ashley,²⁶ C. Aulbert,¹ S. Babak,¹ R. Balasubramanian,⁷ S. Ballmer,¹³ B. C. Barish,¹² C. Barker,¹⁴ D. Barker,¹⁴ M. A. Barton,¹² K. Bayer,¹³ K. Belczynski,^{22, a} J. Betzwieser,¹³ B. Bhawal,¹² I. A. Bilenko,¹⁹ G. Billingsley,¹² E. Black,¹² K. Blackburn,¹² L. Blackburn,¹³ B. Bland,¹⁴ L. Bogue,¹⁵ R. Bork,¹² S. Bose,³⁹ P. R. Brady,³⁷ V. B. Braginsky,¹⁹ J. E. Brau,³⁵ D. A. Brown,¹² A. Buonanno,⁶ D. Busby,¹² W. E. Butler,³⁶ L. Cadonati,¹³ G. Cagnoli,³³ J. B. Camp,²⁰ J. Cannizzo,²⁰ K. Cannon,³⁷ L. Cardenas,¹² K. Carter,¹⁵ M. M. Casey,³³ P. Charlton,^{12, b} S. Chatterji,¹² Y. Chen,¹ D. Chin,³⁴ N. Christensen,⁸ T. Cokelaer,⁷ C. N. Colacino,³¹ R. Coldwell,³² D. Cook,¹⁴ T. Corbitt,¹³ D. Coyne,¹² J. D. E. Creighton,³⁷ T. D. Creighton,¹² J. Dalrymple,²⁵ E. D'Ambrosio,¹² K. Danzmann,^{29, 2} G. Davies,⁷ D. DeBra,²⁴ V. Dergachev,³⁴ S. Desai,²⁶ R. DeSalvo,¹² S. Dhurandar,¹¹ M. Diaz,²⁷ A. Di Credico,²⁵ R. W. P. Drever,⁴ R. J. Dupuis,¹² P. Ehrens,¹² T. Etzel,¹² M. Evans,¹² T. Evans,¹⁵ S. Fairhurst,³⁷ L. S. Finn,²⁶ K. Y. Franzen,³² R. E. Frey,³⁵ P. Fritschel,¹³ V. V. Frolov,¹⁵ M. Fyffe,¹⁵ K. S. Ganezer,⁵ J. Garofoli,¹⁴ I. Gholami,¹ J. A. Giaime,¹⁶ K. Goda,¹³ L. Goggin,¹² G. González,¹⁶ C. Gray,¹⁴ A. M. Gretarsson,¹⁵ D. Grimmer,¹² H. Grote,² S. Grunewald,¹ M. Guenther,¹⁴ R. Gustafson,³⁴ W. O. Hamilton,¹⁶ C. Hanna,¹⁶ J. Hanson,¹⁵ C. Hardham,²⁴ G. Harry,¹³ J. Heefner,¹² I. S. Heng,³³ M. Hewitson,² N. Hindman,¹⁴ P. Hoang,¹² J. Hough,³³ W. Hua,²⁴ M. Ito,³⁵ Y. Itoh,³⁷ A. Ivanov,¹² B. Johnson,¹⁴ W. W. Johnson,¹⁶ D. I. Jones,^{26, c} G. Jones,⁷ L. Jones,¹² V. Kalogera,²² E. Katsavounidis,¹³ K. Kawabe,¹⁴ S. Kawamura,²¹ W. Kells,¹² A. Khan,¹⁵ C. Kim,²² P. King,¹² S. Klimenko,³² S. Koranda,³⁷ D. Kozak,¹² B. Krishnan,¹ M. Landry,¹⁴ B. Lantz,²⁴ A. Lazzarini,¹² M. Lei,¹² I. Leonor,³⁵ K. Libbrecht,¹² P. Lindquist,¹² S. Liu,¹² M. Lormand,¹⁵ M. Lubinski,¹⁴ H. Lück,^{29, 2} M. Luna,³⁰ B. Machenschalk,¹ M. MacInnis,¹³ M. Mageswaran,¹² K. Mailand,¹² M. Malec,²⁹ V. Mandic,¹² S. Márka,⁹ E. Maros,¹² K. Mason,¹³ L. Matone,⁹ N. Mavalvala,¹³ R. McCarthy,¹⁴ D. E. McClelland,³ M. McHugh,¹⁸ J. W. C. McNabb,²⁶ A. Melissinos,³⁶ G. Mendell,¹⁴ R. A. Mercer,³¹ S. Meshkov,¹² E. Messaritaki,³⁷ C. Messenger,³¹ E. Mikhailov,¹³ S. Mitra,¹¹ V. P. Mitrofanov,¹⁹ G. Mitselmakher,³² R. Mittleman,¹³ O. Miyakawa,¹² S. Mohanty,²⁷ G. Moreno,¹⁴ K. Mossavi,² G. Mueller,³² S. Mukherjee,²⁷ E. Myers,³⁸ J. Myers,¹⁴ T. Nash,¹² F. Nocera,¹² J. S. Noel,³⁹ B. O'Reilly,¹⁵ R. O'Shaughnessy,²² D. J. Ottaway,¹³ H. Overmier,¹⁵ B. J. Owen,²⁶ Y. Pan,⁶ M. A. Papa,¹ V. Parameshwaraiah,¹⁴ A. Parameswaran,² C. Parameswariah,^{15, d} M. Pedraza,¹² S. Penn,¹⁰ M. Pitkin,³³ R. Prix,¹ V. Quetschke,³² F. Raab,¹⁴ H. Radkins,¹⁴ R. Rahkola,³⁵ M. Rakhmanov,³² K. Rawlins,¹³ S. Ray-Majumder,³⁷ V. Re,³¹ T. Regimbau,^{7, e} D. H. Reitze,³² R. Riesen,¹⁵ K. Riles,³⁴ B. Rivera,¹⁴ D. I. Robertson,³³ N. A. Robertson,^{24, 33} C. Robinson,⁷ S. Roddy,¹⁵ A. Rodriguez,¹⁶ J. Rollins,⁹ J. D. Romano,⁷ J. Romie,¹² S. Rowan,³³ A. Rüdiger,² L. Ruet,¹³ P. Russell,¹² K. Ryan,¹⁴ V. Sandberg,¹⁴ G. H. Sanders,^{12, f} V. Sannibale,¹² P. Sarin,¹³ B. S. Sathyaprakash,⁷ P. R. Saulson,²⁵ R. Savage,¹⁴ A. Sazonov,³² R. Schilling,² R. Schofield,³⁵ B. F. Schutz,¹ P. Schwinberg,¹⁴ S. M. Scott,³ S. E. Seader,³⁹ A. C. Searle,³ B. Sears,¹² D. Sellers,¹⁵ A. S. Sengupta,⁷ P. Shawhan,¹² D. H. Shoemaker,¹³ A. Sibley,¹⁵ X. Siemens,³⁷ D. Sigg,¹⁴ A. M. Sintes,^{30, 1} J. Smith,² M. R. Smith,¹² O. Spjeld,¹⁵ K. A. Strain,³³ D. M. Strom,³⁵ A. Stuver,²⁶ T. Summerscales,²⁶ M. Sung,¹⁶ P. J. Sutton,¹² D. B. Tanner,³² R. Taylor,¹² K. A. Thorne,²⁶ K. S. Thorne,⁶ K. V. Tokmakov,¹⁹ C. Torres,²⁷ C. Torrie,¹² G. Traylor,¹⁵ W. Tyler,¹² D. Ugolini,²⁸ C. Ungarelli,³¹ M. Vallisneri,⁶ M. van Putten,¹³ S. Vass,¹² A. Vecchio,³¹ J. Veitch,³³ C. Vorvick,¹⁴ S. P. Vyachanin,¹⁹ L. Wallace,¹² H. Ward,³³ R. Ward,¹² K. Watts,¹⁵ D. Webber,¹² U. Weiland,²⁹ A. Weinstein,¹² R. Weiss,¹³ S. Wen,¹⁶ K. Wette,³ J. T. Whelan,¹⁸ S. E. Whitcomb,¹² B. F. Whiting,³² S. Wiley,⁵ C. Wilkinson,¹⁴ P. A. Willems,¹² B. Willke,^{29, 2} A. Wilson,¹² W. Winkler,² S. Wise,³² A. G. Wiseman,³⁷ G. Woan,³³ D. Woods,³⁷ R. Wooley,¹⁵ J. Worden,¹⁴ I. Yakushin,¹⁵ H. Yamamoto,¹² S. Yoshida,²³ M. Zanolin,¹³ L. Zhang,¹² N. Zotov,¹⁷ M. Zucker,¹⁵ and J. Zweizig¹²

(The LIGO Scientific Collaboration, <http://www.ligo.org>)

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

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

³Australian National University, Canberra, 0200, Australia

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

⁵California State University Dominguez Hills, Carson, CA 90747, USA

⁶Caltech-CaRT, Pasadena, CA 91125, USA

⁷Cardiff University, Cardiff, CF2 3YB, United Kingdom

⁸Carleton College, Northfield, MN 55057, USA

⁹Columbia University, New York, NY 10027, USA

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

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

- ¹²LIGO - California Institute of Technology, Pasadena, CA 91125, USA
¹³LIGO - Massachusetts Institute of Technology, Cambridge, MA 02139, USA
¹⁴LIGO Hanford Observatory, Richland, WA 99352, USA
¹⁵LIGO Livingston Observatory, Livingston, LA 70754, USA
¹⁶Louisiana State University, Baton Rouge, LA 70803, USA
¹⁷Louisiana Tech University, Ruston, LA 71272, USA
¹⁸Loyola University, New Orleans, LA 70118, USA
¹⁹Moscow State University, Moscow, 119992, Russia
²⁰NASA/Goddard Space Flight Center, Greenbelt, MD 20771, USA
²¹National Astronomical Observatory of Japan, Tokyo 181-8588, Japan
²²Northwestern University, Evanston, IL 60208, USA
²³Southeastern Louisiana University, Hammond, LA 70402, USA
²⁴Stanford University, Stanford, CA 94305, USA
²⁵Syracuse University, Syracuse, NY 13244, USA
²⁶The Pennsylvania State University, University Park, PA 16802, USA
²⁷The University of Texas at Brownsville and Texas Southmost College, Brownsville, TX 78520, USA
²⁸Trinity University, San Antonio, TX 78212, USA
²⁹Universität Hannover, D-30167 Hannover, Germany
³⁰Universitat de les Illes Balears, E-07122 Palma de Mallorca, Spain
³¹University of Birmingham, Birmingham, B15 2TT, United Kingdom
³²University of Florida, Gainesville, FL 32611, USA
³³University of Glasgow, Glasgow, G12 8QQ, United Kingdom
³⁴University of Michigan, Ann Arbor, MI 48109, USA
³⁵University of Oregon, Eugene, OR 97403, USA
³⁶University of Rochester, Rochester, NY 14627, USA
³⁷University of Wisconsin-Milwaukee, Milwaukee, WI 53201, USA
³⁸Vassar College, Poughkeepsie, NY 12604
³⁹Washington State University, Pullman, WA 99164, USA
(Dated: July 4, 2005)

This author list contains all authors and institution names for the S3 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). 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 John Simon Guggenheim Foundation, the Leverhulme Trust, the David and Lucile Packard Foundation, the Research Corporation, and the Alfred P. Sloan Foundation.

PACS numbers:

^aCurrently at New Mexico State University

^bCurrently at Charles Sturt University, Australia

^cCurrently at University of Southampton

^dCurrently at New Mexico Institute of Mining and Technology / Magdalena Ridge Observatory Interferometer

^eCurrently at Observatoire de la Côte d'Azur

^fCurrently at Thirty Meter Telescope Project, Caltech