

Note on the Usage of LSC Authorlists

Norna A Robertson
Chair of LSC Election and Membership Committee

30th November 2007

LSC #: T070282-00-Z

Introduction

On the LSC web page at <http://www.ligo.org/> there are several LSC authorlists posted. This note is intended to clarify which authorlist should be used for papers in which the full LSC authorlist is required.

Following the LSC Council meeting at MIT on 25th July 2007, the rules for authorship were changed¹. The first list under the new rules was due in October 2007. That list has now been posted on the LSC home page, entitled

New LSC Author List [posted 13 Nov 2007]

This authorlist supercedes all previous authorlists and should be used for ALL papers requiring the full LSC authorlist and posted to the LSC from 13 November 2007 onwards. The list may have minor edits between now and the due date for the next full update (April 2008), for example to correct any reported mis-spellings or mistakes. If such editing is necessary an e-mail will be sent to lsc-all when the list is reposted. Authors should always refer to the LSC home page and use the most recently posted version.

Old Authorlists

Prior to the Council meeting on 25th July we were carrying several authorlists whose usage depended on which set(s) of data were included in any particular paper. The lists are currently posted on the LSC home page under the heading

Old Authorlists:

under the titles

- 1) S2 Papers
- 2) S3 Papers
- 3) S4 Papers
- 4) S5 Papers

¹The full details of the new rules can be found in section 2 of the document entitled "Publication and Presentation Policy" which can be reached from the LSC home page at <http://www.ligo.org/>

These lists are ONLY for use on papers which have been previously posted to the LSC and are in the process of submission/publication. In particular the S2, S3 and S4 lists are only to be used on papers which were first posted to the LSC prior to 25th July 2007.

Any paper posted between 25th July 2007 and 13 November 2007 **regardless of content** should use the so-called S5 list which served as the sole current list during that period.

In summary these older lists should be used as follows:

- 1) is for papers which include S2 data, and was first posted prior to 25 July 2007
- 2) is for papers which include S3 data but not S2 data - i.e. S3 data only, S3+S4 data or S3+S4+S5 data, and was first posted prior to 25 July 2007
- 3) is for papers which include S4 data but not S3 or S2 data - i.e. S4 data or S4+S5 data, and was first posted prior to 25 July 2007
- 4) is for ALL papers first posted between 25 July 2007 and 13 November 2007 regardless of content.

For your information the following is a list of all known papers for which these old authorlists apply.

S2 list:

** Search for Gravitational Waves Associated with 39 Gamma-Ray Bursts Using data from the Second, Third, and Fourth LIGO Runs*

S3 list:

** A Joint Search for Gravitational Wave Bursts with AURIGA and LIGO.*
** Search for gravitational waves from binary inspirals in S3 and S4 LIGO data*

S4 list:

** All-sky search for periodic gravitational waves in LIGO S4 data*

S5 list (summer 2007):

** Search of LIGO Data for GW Signals from Spinning Black Hole and Neutron Star Binary Inspirals.*
** Implications for the Origin of GRB 070201 from LIGO Observations*
** LIGO: The Laser Interferometer Gravitational –Wave Observatory*
