

**Attachment Z to the  
Memorandum of Understanding LIGO-M970077-00  
between the  
German/British Collaboration (GEO 600) for the Detection of  
Gravitational Waves (GEO600)  
and the  
Laser Interferometer Gravitational Wave Observatory (LIGO)**

This attachment to Memorandum of Understanding (MOU) LIGO-M970077-00 lists the coordinates of members of the German/British Collaboration (GEO 600) for the Detection of Gravitational Waves (GEO600) who will participate in the LIGO Scientific Collaboration (LSC) as members of LIGO Development Groups. The period of performance for the activities in this Attachment is from August 15, 2007 - August 14, 2008. This period may be modified by agreement to a revision of this Attachment. This list may be extended by agreement to a revision of this Attachment.

**Faculty:**

The Faculty category includes all non-PI "faculty rank" LSC members. This includes professorial appointments, research faculty appointments, teaching faculty appointments, lecturer and reader appointments, and similar appointments, and visiting appointments in all these categories.

**Name:** Allen, Bruce

**Affiliation:**

**Phone:**

*Voice:* 1 414 229 6439

*Fax:*

**E-Mail:**

*@LIGO.Org:* bruce.allen@LIGO.Org

*Forwarding:* ballen@gravity.phys.uwm.edu

**Postal Address:**

*Address 1:* GEO

*Address 2:*

*Address 3:*

*City:* GEO

*State:*

*Postal Code:*

*Country:* United States of America

**Name:** Aufmuth, Peter

**Affiliation:**

**Phone:**

*Voice:* 49 511 762 2396

*Fax:* 49 511 762 2784

**E-Mail:**

*@LIGO.Org:* peter.aufmuth@LIGO.Org

*Forwarding:* pea@mpq.mpg.de

**Postal Address:**

*Address 1:* Institut fur Gravitationsphysik

*Address 2:* Universitat Hannover

*Address 3:*

*City:* Callinstrasse 38

*State:* Hannover

*Postal Code:* 30167

*Country:*

**Name:** Cagnoli, Geppo

**Affiliation:**

**Phone:**

*Voice:* 44 141 330 2258

*Fax:* 44 141 330 6833

**E-Mail:**

*@LIGO.Org:* geppo.cagnoli@LIGO.Org

*Forwarding:* g.cagnoli@physics.gla.ac.uk

**Postal Address:**

*Address 1:* Physics and Astronomy

*Address 2:* Kelvin Building

*Address 3:*

*City:*

*State:* Glasgow

*Postal Code:* G12 8QQ

*Country:*

**Name:** Chen, Yanbei  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7317  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* yanbei.chen@LIGO.Org  
*Forwarding:* Yanbei.Chen@aei.mpg.de

**Postal Address:**  
*Address 1:* Max Planck Institute for Gravitational  
Physics  
*Address 2:* Am Muehlenberg 5  
*Address 3:*  
*City:* Golm  
*State:* Brandenburg  
*Postal Code:* D-14476  
*Country:* Germany

**Name:** Cruise, Mike  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3974  
*Fax:* 44 121 414 4534  
**E-Mail:**  
*@LIGO.Org:* mike.cruise@LIGO.Org  
*Forwarding:* a.m.cruise@bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Danzmann, Karsten  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2356  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* karsten.danzmann@LIGO.Org  
*Forwarding:* karsten.danzmann@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Daw, Edward  
**Affiliation:**  
**Phone:**  
*Voice:* 44 114 222 4353  
*Fax:* 44 114 272 8079  
**E-Mail:**  
*@LIGO.Org:* edward.daw@LIGO.Org  
*Forwarding:* e.daw@sheffield.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Hicks Building  
*Address 3:*  
*City:*  
*State:* Sheffield  
*Postal Code:* S3 7RH  
*Country:*

**Name:** Degallaix, Jerome  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17150  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* jerome.degallaix@LIGO.Org  
*Forwarding:* jerome.degallaix@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute  
*Address 2:* Callingstrasse 38  
*Address 3:*  
*City:* Hannover  
*State:* NS  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Fairhurst, Stephen  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 6460  
*Fax:* 44 29 20874056  
**E-Mail:**  
*@LIGO.Org:* stephen.fairhurst@LIGO.Org  
*Forwarding:* Stephen.Fairhurst@astro.cf.ac.uk

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:*  
*City:*  
*State:* Cardiff  
*Postal Code:* CF24 3AA  
*Country:*

**Name:** Freise, Andreas  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3565  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* andreas.freise@LIGO.Org  
*Forwarding:* adf@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Grant, Alastair  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6834  
**E-Mail:**  
*@LIGO.Org:* alastair.grant@LIGO.Org  
*Forwarding:* a.grant@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Greenhalgh, Justin  
**Affiliation:**  
**Phone:**  
*Voice:* 44 1235 44 5297  
*Fax:* 44 1235 44 5843  
**E-Mail:**  
*@LIGO.Org:* justin.greenhalgh@LIGO.Org  
*Forwarding:* j.greenhalgh@r1.ac.uk

**Postal Address:**  
*Address 1:* Building R34  
*Address 2:* Rutherford Appleton Lab  
*Address 3:*  
*City:* Chilton  
*State:* Didcot  
*Postal Code:* OX11 0QX  
*Country:*

**Name:** Grote, Hartmut  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2229  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* hartmut.grote@LIGO.Org  
*Forwarding:* hrg@mpq.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:* Callinstr. 38  
*City:* Hannover  
*State:* Lower Saxony  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Grunewald, Steffen  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7233  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* steffen.grunewald@LIGO.Org  
*Forwarding:* steffen.grunewald@aei.mpg.de

**Postal Address:**  
*Address 1:* Max Planck Institute for Gravitational Physics  
*Address 2:* Albert Einstein Institute  
*Address 3:* Am Muehlenberg 1  
*City:* Golm  
*State:* BRB  
*Postal Code:* D-14476  
*Country:* Germany

**Name:** Hammond, Giles  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3340  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* giles.hammond@LIGO.Org  
*Forwarding:* g.hammond@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:* Kelvin Building  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Heinzl, Gerhard  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2210  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* gerhard.heinzl@LIGO.Org  
*Forwarding:* gerhard.heinzl@mpq.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Heng, Ikk Siong  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 6406  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* siong.heng@LIGO.Org  
*Forwarding:* i.heng@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Lanarkshire  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Hewitson, Martin  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 19463  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* martin.hewitson@LIGO.Org  
*Forwarding:* martin.hewitson@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Hough, James  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 4706  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* james.hough@LIGO.Org  
*Forwarding:* j.hough@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Husa, Sascha  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7220  
*Fax:* 49 331 567 49  
**E-Mail:**  
*@LIGO.Org:* sascha.husa@LIGO.Org  
*Forwarding:* sascha.husa@aei.mpg.de

**Postal Address:**  
*Address 1:* AEI  
*Address 2:* Am Muehlenberg 1  
*Address 3:*  
*City:* Potsdam  
*State:* Germany  
*Postal Code:* 14476  
*Country:* Germany

**Name:** Jones, Ian  
**Affiliation:**  
**Phone:**  
*Voice:* 44 23 8059 4829  
*Fax:* 44 23 8059 5147  
**E-Mail:**  
*@LIGO.Org:* ian.jones@LIGO.Org  
*Forwarding:* dij@maths.soton.ac.uk

**Postal Address:**  
*Address 1:* School of Mathematics  
*Address 2:* University of Southampton  
*Address 3:* Highfield  
*City:* Southampton  
*State:* England  
*Postal Code:* SO17 1BJ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Lockerbie, Nick  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 5483360  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* nick.lockerbie@LIGO.Org  
*Forwarding:* n.lockerbie@phys.strath.ac.uk

**Postal Address:**  
*Address 1:* University of Strathclyde  
*Address 2:* 107 Rottenrow  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G4 ONG  
*Country:*

**Name:** Lueck, Harald  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2229  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* harald.lueck@LIGO.Org  
*Forwarding:* harald.lueck@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fuer Gravitationsphysik  
*Address 2:* Leibniz Universitaet Hannover  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* Germany  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Mossavi, Kasem  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2229  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* kasem.mossavi@LIGO.Org  
*Forwarding:* ksm@mpq.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Newton, Gavin  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 4196  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* gavin.newton@LIGO.Org  
*Forwarding:* G.Newton@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Papa, Maria Alessandra  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7231  
*Fax:* 49 331 567 7231  
**E-Mail:**  
*@LIGO.Org:* maria.papa@LIGO.Org  
*Forwarding:* papa@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlenberg 5  
*Address 2:*  
*Address 3:*  
*City:*  
*State:* Golm  
*Postal Code:* D-14476  
*Country:* United States of America

**Name:** Prix, Reinhard  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7128  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* reinhard.prix@LIGO.Org  
*Forwarding:* Reinhard.Prix@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlenberg 1  
*Address 2:*  
*Address 3:*  
*City:* Golm  
*State:* b Potsdam  
*Postal Code:* 14476  
*Country:* Germany

**Name:** Robertson, Norna  
**Affiliation:**  
**Phone:**  
Voice: 44 141 330 5880  
Fax: 44 1441 330 6833  
**E-Mail:**  
@LIGO.Org: norna.robertson@LIGO.Org  
Forwarding: nroberts@ligo.caltech.edu

**Postal Address:**  
Address 1: Institute for Gravitational Research  
Address 2: Department of Physics and Astronomy  
Address 3: University of Glasgow  
City: Glasgow  
State: -  
Postal Code: G12 8QQ  
Country: United Kingdom of Great Britain and N. Ireland

**Name:** Robinson, Craig  
**Affiliation:**  
**Phone:**  
Voice: 44 29 2087 6460  
Fax: 44 29 20874056  
**E-Mail:**  
@LIGO.Org: craig.robinson@LIGO.Org  
Forwarding: Craig.Robinson@astro.cf.ac.uk

**Postal Address:**  
Address 1: Cardiff University  
Address 2: Queens Building  
Address 3:  
City:  
State: Cardiff  
Postal Code: CF24 3AA  
Country:

**Name:** Romano, Joseph  
**Affiliation:**  
**Phone:**  
Voice: 1 956 882 6663  
Fax:  
**E-Mail:**  
@LIGO.Org: joseph.romano@LIGO.Org  
Forwarding: joe@phys.utb.edu

**Postal Address:**  
Address 1: GEO  
Address 2:  
Address 3:  
City: GEO  
State:  
Postal Code:  
Country: United States of America

**Name:** Rowan, Sheila  
**Affiliation:**  
**Phone:**  
Voice: 44 141 330 4701  
Fax: 44 141 330 6833  
**E-Mail:**  
@LIGO.Org: sheila.rowan@LIGO.Org  
Forwarding: s.rowan@physics.gla.ac.uk

**Postal Address:**  
Address 1: Physics and Astronomy  
Address 2: Kelvin Building  
Address 3:  
City:  
State: Glasgow  
Postal Code: G12 8QQ  
Country:

**Name:** Ruediger, Albrecht  
**Affiliation:**  
**Phone:**  
Voice: 49 89 4308 343  
Fax: 49 89 4398 7638  
**E-Mail:**  
@LIGO.Org: albrecht.ruediger@LIGO.Org  
Forwarding: albrecht.ruediger@aei.mpg.de

**Postal Address:**  
Address 1: Institut fur Gravitationsphysik  
Address 2: Universitat Hannover  
Address 3: Callinstr. 10  
City: Hannover  
State: Niedersachsen  
Postal Code: 30167  
Country: Germany

**Name:** Sathyaprakash, B  
**Affiliation:**  
**Phone:**  
Voice: 44 29 2087 6962  
Fax: 44 29 20874056  
**E-Mail:**  
@LIGO.Org: b.sathyaprakash@LIGO.Org  
Forwarding: b.sathyaprakash@gmail.com

**Postal Address:**  
Address 1: Cardiff University  
Address 2: Queens Building  
Address 3:  
City:  
State: Cardiff  
Postal Code: CF24 3AA  
Country:

**Name:** Schilling, Roland  
**Affiliation:**  
**Phone:**  
*Voice:* 49 89 3292 9670  
*Fax:* 49 511 762 5861  
**E-Mail:**  
*@LIGO.Org:* roland.schilling@LIGO.Org  
*Forwarding:* ros@rzg.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Albert-Einstein-Institut  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* Germany  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Schnabel, Roman  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 19169  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* roman.schnabel@LIGO.Org  
*Forwarding:* roman.schnabel@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Schutz, Bernard  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7218  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* bernard.schutz@LIGO.Org  
*Forwarding:* schutz@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlenberg 5  
*Address 2:*  
*Address 3:*  
*City:*  
*State:* Golm  
*Postal Code:* D-14476  
*Country:*

**Name:** Speake, Clive  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 4679  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* clive.speake@LIGO.Org  
*Forwarding:* c.c.speake@bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Strain, Ken  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 5884  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* ken.strain@LIGO.Org  
*Forwarding:* k.strain@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Sutton, Patrick J.  
**Affiliation:**  
**Phone:**  
*Voice:* 44 029 2087 4649  
*Fax:* 44 029 2087 4056  
**E-Mail:**  
*@LIGO.Org:* patrick.sutton@LIGO.Org  
*Forwarding:* psutton@ligo.caltech.edu

**Postal Address:**  
*Address 1:* School of Physics and Astronomy  
*Address 2:* Cardiff University  
*Address 3:* 5 The Parade  
*City:* Cardiff  
*State:* Wales  
*Postal Code:* CF24 3AA  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Vecchio, Alberto  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 6447  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* alberto.vecchio@LIGO.Org  
*Forwarding:* av@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Ward, Harry  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 4705  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* harry.ward@LIGO.Org  
*Forwarding:* h.ward@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:* University of Glasgow  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Willke, Benno  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2360  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* benno.willke@LIGO.Org  
*Forwarding:* benno.willke@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Winkler, Walter  
**Affiliation:**  
**Phone:**  
*Voice:* 49 893 2905 267  
*Fax:* 49 893 2905 200  
**E-Mail:**  
*@LIGO.Org:* walter.winkler@LIGO.Org  
*Forwarding:* waw@mpq.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Woan, Graham  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 5897  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* graham.woan@LIGO.Org  
*Forwarding:* g.woan@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:* University of Glasgow  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

## Technical Staff:

The Technical Staff category includes all non-PI LSC members with scientist, engineer, computer systems administrator or programmer, technician, and similar appointments, and visiting appointments in all these categories.

**Name:** Brinkmann, Marc  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 6138  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* marc.brinkmann@LIGO.Org  
*Forwarding:* marc.brinkmann@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Cutler, Ron  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3722  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* ron.cutler@LIGO.Org  
*Forwarding:* rmc@star.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physiucs and Astronomy  
*Address 3:* Edgbaston  
*City:* Birmingham  
*State:* UK  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Davies, Gerald  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 5120  
*Fax:* 44 29 2087 5120  
**E-Mail:**  
*@LIGO.Org:* gerald.davies@LIGO.Org  
*Forwarding:* gerald.davies@astro.cf.ac.uk

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:*  
*City:*  
*State:* Cardiff  
*Postal Code:* CF24 3AA  
*Country:*

**Name:** Fehrmenn, Henning  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17145  
*Fax:* 49 511 762 49  
**E-Mail:**  
*@LIGO.Org:* henning.fehrmenn@LIGO.Org  
*Forwarding:* henning.fehrmann@aei.mpg.de

**Postal Address:**  
*Address 1:* AEI  
*Address 2:* Callinstrasse 38  
*Address 3:*  
*City:* Hannover  
*State:* germany  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Hayler, Tim  
**Affiliation:**  
**Phone:**  
*Voice:* 44 1235 44 6458  
*Fax:* 44 1235 446863  
**E-Mail:**  
*@LIGO.Org:* tim.hayler@LIGO.Org  
*Forwarding:* t.m.hayler@rl.ac.uk

**Postal Address:**  
*Address 1:* Rutherford Appleton Lab  
*Address 2:* Chilton  
*Address 3:*  
*City:* Didcot  
*State:* Oxon  
*Postal Code:* OX11 0QX  
*Country:*

**Name:** Hoyland, David  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 6466  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* david.hoyland@LIGO.Org  
*Forwarding:* dh@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Jones, Russell  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3376  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* russell.jones@LIGO.Org  
*Forwarding:* r.jones@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:* Kelvin Building - IGR  
*City:* Glasgow  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Mors, Konrad  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 5842  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* konrad.mors@LIGO.Org  
*Forwarding:* konrad.mors@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Rainer, Norbert  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 6174  
*Fax:* 49 511 762 6172  
**E-Mail:**  
*@LIGO.Org:* norbert.rainer@LIGO.Org  
*Forwarding:* Norbert.Rainer@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitaet Hannover  
*Address 3:* Callinstrasse 38  
*City:* D  
*State:* -  
*Postal Code:* 30167 Hannover  
*Country:* Germany

**Name:** Scott, Jamie  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 6435  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* jamie.scott@LIGO.Org  
*Forwarding:* j.scott@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Weidner, Andreas  
**Affiliation:**  
**Phone:**  
*Voice:* 49 893 2905 267  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* andreas.weidner@LIGO.Org  
*Forwarding:* andreas.weidner@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Weinert, Michael  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 6139  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* michael.weinert@LIGO.Org  
*Forwarding:* michael.weinert@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Wilmut, Ian  
**Affiliation:**  
**Phone:**  
*Voice:* 44 1235 821900  
*Fax:* 44 1235 44 6836  
**E-Mail:**  
*@LIGO.Org:* ian.wilmut@LIGO.Org  
*Forwarding:* i.wilmut@rl.ac.uk

**Postal Address:**  
*Address 1:* Building R66  
*Address 2:* Rutherford Appleton Lab  
*Address 3:*  
*City:* Chilton  
*State:* Didcot  
*Postal Code:* OX11 0QX  
*Country:*

**Name:** zur Muehlen, Heiko  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2229  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* heiko.zurmuehlen@LIGO.Org  
*Forwarding:* Heiko.zurMuehlen@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

### Postdoctoral Scholars(s):

**Name:** Aulbert, Carsten  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17135  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* carsten.aulbert@LIGO.Org  
*Forwarding:* carsten.aulbert@aei.mpg.de

**Postal Address:**  
*Address 1:* Max Planck Institute for Gravitational  
Physics  
*Address 2:* Albert Einstein Insitute  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* NDS  
*Postal Code:* D-30167  
*Country:* Germany

**Name:** Babak, Stanislav  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7329  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* stanislav.babak@LIGO.Org  
*Forwarding:* Stanislav.Babak@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlen-  
berg 5  
*Address 2:*  
*Address 3:*  
*City:*  
*State:* Golm  
*Postal Code:* D-14476  
*Country:*

**Name:** Barr, Bryan  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2517  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* bryan.barr@LIGO.Org  
*Forwarding:* b.barr@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Barton, Mark  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* mark.barton@LIGO.Org  
*Forwarding:* m.barton@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Chelkowski, Simon  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 19169  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* simon.chelkowski@LIGO.Org  
*Forwarding:* sichel@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* -  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Cokelaer, Thomas  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 5120  
*Fax:* 44 29 2087 4056  
**E-Mail:**  
*@LIGO.Org:* thomas.cokelaer@LIGO.Org  
*Forwarding:* thomas.cokelaer@astro.cf.ac.uk

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:*  
*City:*  
*State:* Cardiff  
*Postal Code:* CF24 3AA  
*Country:*

**Name:** Colacino, Carlo Nicola  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 6453  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* carlo.colacino@LIGO.Org  
*Forwarding:* cnc@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Cunningham, Liam  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 6833  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* liam.cunningham@LIGO.Org  
*Forwarding:* w.cunningham@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128qq  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Dietz, Alex  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 5107  
*Fax:* 44 29 2087 4056  
**E-Mail:**  
*@LIGO.Org:* alex.dietz@LIGO.Org  
*Forwarding:* Alexander.Dietz@astro.cf.ac.uk

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:*  
*City:* Cardiff  
*State:* Wales  
*Postal Code:* CF24 3AA  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Harms, Jan  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2522  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* jan.harms@LIGO.Org  
*Forwarding:* jan.harms@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Heptonstall, Alastair  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 5877  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* alastair.heptonstall@LIGO.Org  
*Forwarding:* a.heptonstall@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Hild, Stefan  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 4994  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* stefan.hild@LIGO.Org  
*Forwarding:* sthild@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Huttner, Sabina  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3376  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* sabina.huttner@LIGO.Org  
*Forwarding:* s.huttner@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Krishnan, Badri  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7323  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* badri.krishnan@LIGO.Org  
*Forwarding:* badkri@aei.mpg.de

**Postal Address:**  
*Address 1:* Max Planck Institut fuer Gravitation-physik  
*Address 2:* Albert Einstein Institute  
*Address 3:* Am Muehlenberg 1  
*City:* Golm  
*State:* Golm  
*Postal Code:* D-14476  
*Country:* Germany

**Name:** Machenschalk, Bernd  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7263  
*Fax:* 49 331 567 7253  
**E-Mail:**  
*@LIGO.Org:* bernd.machenschalk@LIGO.Org  
*Forwarding:* Bernd.Machenschalk@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlenberg 5  
*Address 2:*  
*Address 3:*  
*City:* Golm  
*State:* Potsdam  
*Postal Code:* D-14476  
*Country:* Germany

**Name:** Messenger, Chris  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* chris.messenger@LIGO.Org  
*Forwarding:* c.messenger@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Murray, Peter  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 0097  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* peter.murray@LIGO.Org  
*Forwarding:* p.murray@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Pai, Archana  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7115  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* archana.pai@LIGO.Org  
*Forwarding:* Archana.Pai@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlen-  
berg 5  
*Address 2:*  
*Address 3:*  
*City:*  
*State:* Golm  
*Postal Code:* D-14476  
*Country:*

**Name:** Pitkin, Matthew  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2298  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* matthew.pitkin@LIGO.Org  
*Forwarding:* matthew@astro.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Plissi, Mike  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 4196  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* mike.plissi@LIGO.Org  
*Forwarding:* m.plissi@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Reid, Stuart  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 0097  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* stuart.reid@LIGO.Org  
*Forwarding:* s.reid@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Sengupta, Anand  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 5120  
*Fax:* 44 29 2087 6964  
**E-Mail:**  
*@LIGO.Org:* anand.sengupta@LIGO.Org  
*Forwarding:* anand.sengupta@gmail.com

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:* 5 The Parade  
*City:* Cardiff  
*State:* Wales  
*Postal Code:* CF24 3AA  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Somiya, Kentaro  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7115  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* kentaro.somiya@LIGO.Org  
*Forwarding:* somiya@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Am Muelenberg 1  
*Address 3:*  
*City:* Golm  
*State:* Potsdam  
*Postal Code:* 14476  
*Country:* Germany

**Name:** Sorazu, Borja  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 6435  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* borja.sorazu@LIGO.Org  
*Forwarding:* B.Sorazu@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Dept. Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:* University of Glasgow  
*City:* Glasgow  
*State:* -  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Taylor, Robert  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2517  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* robert.taylor@LIGO.Org  
*Forwarding:* r.taylor@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Rm 252b  
*Address 2:* Kelvin Building  
*Address 3:* University of Glasgow  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Tokmakov, Kirill  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 6435  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* kirill.tokmakov@LIGO.Org  
*Forwarding:* k.tokmakov@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Rm 351 Kelvin building  
*Address 2:* Department of Physics and Astronomy  
*Address 3:* University of Glasgow  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Torrie, Calum  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 8237  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* calum.torrie@LIGO.Org  
*Forwarding:* c.torrie@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Room 230b  
*Address 3:* Kelvin Building  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** van Veggel, Mariel  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2258  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* mariel.vanveggel@LIGO.Org  
*Forwarding:* m.veggel@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Veitch, John  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3020  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* john.veitch@LIGO.Org  
*Forwarding:* jveitch@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* School of Physics and Astronomy  
*Address 2:* Physics West Building  
*Address 3:* University of Birmingham  
*City:* Birmingham  
*State:* England  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Whelan, John  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7117  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* john.whelan@LIGO.Org  
*Forwarding:* John.WheLAN@aei.mpg.de

**Postal Address:**  
*Address 1:* Max-Planck-Institute for Gravitational Physics  
*Address 2:* Albert-Einstein-Institute  
*Address 3:*  
*City:* Potsdam  
*State:* Brandenburg  
*Postal Code:* D-14424  
*Country:* Germany

### Graduate Student(s):

**Name:** Aston, Stuart  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 6452  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* stuart.aston@LIGO.Org  
*Forwarding:* sma@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:* Edgbaston  
*City:* Birmingham  
*State:* West Midlands  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Bassiri, Riccardo  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3340  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* riccardo.bassiri@LIGO.Org  
*Forwarding:* r.bassiri@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Bastarrika, Mikel  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* mikel.bastarrika@LIGO.Org  
*Forwarding:* m.bastarrika@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Behnke, Berit  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7253  
*Fax:* 49 331 567 49  
**E-Mail:**  
*@LIGO.Org:* berit.behnke@LIGO.Org  
*Forwarding:* berit.behnke@aei.mpg.de

**Postal Address:**  
*Address 1:* Am Muehlenberg 1  
*Address 2:*  
*Address 3:*  
*City:* Potsdam  
*State:* germany  
*Postal Code:* 14476  
*Country:* Germany

**Name:** Bloomer, Edward  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* edward.bloomer@LIGO.Org  
*Forwarding:* e.bloomer@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Bogenstahl, Johanna  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* johanna.bogenstahl@LIGO.Org  
*Forwarding:* j.bogenstahl@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Burmeister, Oliver  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17146  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* oliver.burmeister@LIGO.Org  
*Forwarding:* oliver.burmeister@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Chalkley, Eleanor  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2000  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* eleanor.chalkley@LIGO.Org  
*Forwarding:* e.chalkley@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Clark, James  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 2298  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* james.clark@LIGO.Org  
*Forwarding:* j.clark@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Room 465  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Cumming, Alan  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3340  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* alan.cumming@LIGO.Org  
*Forwarding:* a.cumming@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Edgar, Matthew  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3340  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* matthew.edgar@LIGO.Org  
*Forwarding:* m.edgar@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Gholami, Iraj  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7123  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* iraj.gholami@LIGO.Org  
*Forwarding:* Iraj.Gholami@aei.mpg.de

**Postal Address:**  
*Address 1:* Albert Einstein Institute. Am Muehlenberg 1  
*Address 2:*  
*Address 3:*  
*City:* Potsdam  
*State:* Brandenburg  
*Postal Code:* D-14476  
*Country:* Germany

**Name:** Hallam, Jonathan  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3721  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* jonathan.hallam@LIGO.Org  
*Forwarding:* jmh@star.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:* Edgbaston  
*City:* Birmingham  
*State:* UK  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Harry, Ian  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 6460  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* ian.harry@LIGO.Org  
*Forwarding:* iwharry@googlemail.com

**Postal Address:**  
*Address 1:* School of Physics and Astronomy  
*Address 2:* Cardiff University  
*Address 3:*  
*City:* Cardiff  
*State:* UK  
*Postal Code:* CF24 2AA  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Haughian, Karen  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 3340  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* karen.haughian@LIGO.Org  
*Forwarding:* k.haughian@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Department of Physics and Astronomy  
*Address 2:* University of Glasgow  
*Address 3:*  
*City:* Glasgow  
*State:* UK  
*Postal Code:* G128QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Heurs, Michele  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* michele.heurs@LIGO.Org  
*Forwarding:* mhk@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut für Gravitationsphysik  
*Address 2:* Universität Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Jones, Gareth  
**Affiliation:**  
**Phone:**  
*Voice:* 44 29 2087 6460  
*Fax:* 44 29 20874056  
**E-Mail:**  
*@LIGO.Org:* gareth.jones@LIGO.Org  
*Forwarding:* Gareth.Jones@astro.cf.ac.uk

**Postal Address:**  
*Address 1:* Cardiff University  
*Address 2:* Queens Building  
*Address 3:*  
*City:*  
*State:* Cardiff  
*Postal Code:* CF24 3AA  
*Country:*

**Name:** Kasprzyk, Dominik  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3721  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* dominik.kasprzyk@LIGO.Org  
*Forwarding:* dk@star.sr.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Name:** Lodhia, Deepali  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3721  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* deepali.lodhia@LIGO.Org  
*Forwarding:* dl@star.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:* Edgbaston  
*City:* Birmingham  
*State:* UK  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Martin, Ian  
**Affiliation:**  
**Phone:**  
*Voice:* 44 141 330 8484  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* ian.martin@LIGO.Org  
*Forwarding:* I.martin@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:* Glasgow  
*State:* Scotland  
*Postal Code:* G12 8QQ  
*Country:* United Kingdom of Great Britain and N. Ireland

**Name:** Meier, Tobias  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17170  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* tobias.meier@LIGO.Org  
*Forwarding:* tobias.meier@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Callinstrasse 38  
*Address 3:*  
*City:* Hannover  
*State:* Niedersachsen  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Miller, John  
**Affiliation:**  
**Phone:**  
*Voice:* 1 626 395 2079  
*Fax:* 1 626 304 9834  
**E-Mail:**  
*@LIGO.Org:* john.miller@LIGO.Org  
*Forwarding:* j.miller@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* LIGO Laboratory - Caltech  
*Address 2:* 1200 E. California Blvd.  
*Address 3:* MC 18-34  
*City:* Pasadena  
*State:* CA  
*Postal Code:* 91125  
*Country:* United States of America

**Name:** Muller-Ebhardt, Helge  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 19466  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* helge.muller-ebhardt@LIGO.Org  
*Forwarding:* Helge.Mueller-Ebhardt@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** Nelson, John  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* john.nelson@LIGO.Org  
*Forwarding:* J.Nelson@physics.gla.ac.uk

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Name:** Parameswaran, Ajith  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17120  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* ajith.parameswaran@LIGO.Org  
*Forwarding:* Ajith.Parameswaran@aei.mpg.de

**Postal Address:**  
*Address 1:* Max Planck Institute for Gravitational  
Physics  
*Address 2:* Albert Einstein Institute  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* Niedersachsen  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Perreca, Antonio  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3721  
*Fax:*  
**E-Mail:**  
*@LIGO.Org:* antonio.perreca@LIGO.Org  
*Forwarding:* perreca@star.bham.ac.uk

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:* Edgbaston  
*City:* Birmingham  
*State:* UK  
*Postal Code:* B15 2TT  
*Country:* United Kingdom of Great Britain and N.  
Ireland

**Name:** Pletsch, Holger  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 17171  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* holger.pletsch@LIGO.Org  
*Forwarding:* hpletsch@gravity.phys.uwm.edu

**Postal Address:**  
*Address 1:* Albert-Einstein-Institut  
*Address 2:* Max-Planck-Institut fuer Gravitation-  
sphysik  
*Address 3:* Callinstr. 38  
*City:* Hannover  
*State:* Niedersachsen  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Rehbein, Henning  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 19465  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* henning.rehbein@LIGO.Org  
*Forwarding:* henning.rehbein@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:* Callinstrasse 38  
*City:* Hannover  
*State:* Niedersachsen  
*Postal Code:* 30167  
*Country:* Germany

**Name:** Ribichini, Luciano  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2959  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* luciano.ribichini@LIGO.Org  
*Forwarding:* rxl@mpq.mpg.de

**Name:** Robinson, Emma  
**Affiliation:**  
**Phone:**  
*Voice:* 44 121 414 3721  
*Fax:* 44 121 414 3722  
**E-Mail:**  
*@LIGO.Org:* emma.robinson@LIGO.Org  
*Forwarding:* elr@star.sr.bham.ac.uk

**Name:** Santamaria Lara, Lucia  
**Affiliation:**  
**Phone:**  
*Voice:* 49 331 567 7220  
*Fax:* 49 331 567 7298  
**E-Mail:**  
*@LIGO.Org:* lucia.santamarialara@LIGO.Org  
*Forwarding:* lucia.santamaria@uni-jena.de

**Name:** Seifert, Frank  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 4994  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* frank.seifert@LIGO.Org  
*Forwarding:* frs@aei.mpg.de

**Name:** Thring, Andr  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2522  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* andr.thring@LIGO.Org  
*Forwarding:* andre.thuring@aei.mpg.de

**Name:** Toher, Jennifer  
**Affiliation:**  
**Phone:**  
*Voice:*  
*Fax:* 44 141 330 6833  
**E-Mail:**  
*@LIGO.Org:* jennifer.toher@LIGO.Org  
*Forwarding:* j.toher@physics.gla.ac.uk

**Name:** Vahlbruch, Henning  
**Affiliation:**  
**Phone:**  
*Voice:* 49 511 762 2522  
*Fax:* 49 511 762 2784  
**E-Mail:**  
*@LIGO.Org:* henning.vahlbruch@LIGO.Org  
*Forwarding:* henning.vahlbruch@aei.mpg.de

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Postal Address:**  
*Address 1:* The University of Birmingham  
*Address 2:* School of Physics and Astronomy  
*Address 3:*  
*City:* Edgbaston  
*State:* Birmingham  
*Postal Code:* B15 2TT  
*Country:*

**Postal Address:**  
*Address 1:* AEI  
*Address 2:* Am Muehlenberg 1  
*Address 3:*  
*City:* Potsdam  
*State:* germany  
*Postal Code:* 14476  
*Country:* Germany

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Postal Address:**  
*Address 1:* Physics and Astronomy  
*Address 2:* Kelvin Building  
*Address 3:*  
*City:*  
*State:* Glasgow  
*Postal Code:* G12 8QQ  
*Country:*

**Postal Address:**  
*Address 1:* Institut fur Gravitationsphysik  
*Address 2:* Universitat Hannover  
*Address 3:*  
*City:* Callinstrasse 38  
*State:* Hannover  
*Postal Code:* 30167  
*Country:*

**Name:** van den Broeck, Chris

**Affiliation:**

**Phone:**

Voice: 44 29 2087 5120

Fax: 44 29 20874056

**E-Mail:**

@LIGO.Org: [chris.vandenbroeck@LIGO.Org](mailto:chris.vandenbroeck@LIGO.Org)

Forwarding: [Chris.van-den-Broeck@astro.cf.ac.uk](mailto:Chris.van-den-Broeck@astro.cf.ac.uk)

**Postal Address:**

Address 1: Cardiff University

Address 2: Queens Building

Address 3:

City:

State: Cardiff

Postal Code: CF24 3AA

Country:

## Undergraduate Students(s):

**Name:** Franzen, Alexander

**Affiliation:**

**Phone:**

Voice: 49 511 762 2522

Fax: 49 511 762 2784

**E-Mail:**

@LIGO.Org: [alexander.franzen@LIGO.Org](mailto:alexander.franzen@LIGO.Org)

Forwarding: [alexander.franzen@aei.mpg.de](mailto:alexander.franzen@aei.mpg.de)

**Postal Address:**

Address 1: Institut fur Gravitationsphysik

Address 2: Universitat Hannover

Address 3:

City: Callinstrasse 38

State: Hannover

Postal Code: 30167

Country:

**Name:** Hage, Boris

**Affiliation:**

**Phone:**

Voice: 49 511 762 2522

Fax: 49 511 762 2784

**E-Mail:**

@LIGO.Org: [boris.hage@LIGO.Org](mailto:boris.hage@LIGO.Org)

Forwarding: [boris.hage@aei.mpg.de](mailto:boris.hage@aei.mpg.de)

**Postal Address:**

Address 1: Institut fur Gravitationsphysik

Address 2: Universitat Hannover

Address 3:

City: Callinstrasse 38

State: Hannover

Postal Code: 30167

Country:

**Name:** Kwee, Patrick

**Affiliation:**

**Phone:**

Voice: 49 511 762 17144

Fax: 49 511 762 2784

**E-Mail:**

@LIGO.Org: [patrick.kwee@LIGO.Org](mailto:patrick.kwee@LIGO.Org)

Forwarding: [Patrick.Kwee@aei.mpg.de](mailto:Patrick.Kwee@aei.mpg.de)

**Postal Address:**

Address 1: Institut fur Gravitationsphysik

Address 2: Universitat Hannover

Address 3:

City: Callinstrasse 38

State: Hannover

Postal Code: 30167

Country:

## Administrative Staff:

The Administrative Staff category allows listing in the LSC Directory administrative aides and other staff who perform essential support services in or for LSC member groups, but are not involved in the LIGO Scientific Collaborations engineering or scientific work. *Personnel who are involved in the LSC's scientific or engineering work, including computer system administration and programming, should be listed under other categories.* Personnel listed as Administrative Staff may be designated as a point of contact or proxy, but do not appear as authors on LSC publications, do not count toward a group's council delegate allocation, may not serve as council delegates, and do not increase a group's shift obligation.

**Other:**

**FTE Commitment:**

Name	Rsrch	LIGO	Total
Allen, Bruce	100%	80%	80%
Aufmuth, Peter	50%	50%	25%
Cagnoli, Geppo	8%	70%	5.6%
Chen, Yanbei	75%	75%	56.25%
Cruise, Mike	50%	10%	5%
Danzmann, Karsten	50%	50%	25%
Daw, Edward	60%	10%	6%
Degallaix, Jerome	100%	100%	100%
Fairhurst, Stephen	100%	100%	100%
Freise, Andreas	50%	70%	35%
Grant, Alastair	80%	80%	64%
Greenhalgh, Justin	60%	55%	33%
Grote, Hartmut	100%	100%	100%
Grunewald, Steffen	100%	100%	100%
Hammond, Giles	80%	90%	72%
Heinzel, Gerhard	100%	50%	50%
Heng, Ik Siong	60%	80%	48%
Hewitson, Martin	100%	70%	70%
Hough, James	60%	90%	54%
Husa, Sascha	90%	20%	18%
Jones, Ian	60%	50%	30%
Lockerbie, Nick	60%	60%	36%
Lueck, Harald	100%	80%	80%
Mossavi, Kasem	100%	100%	100%
Newton, Gavin	40%	100%	40%
Papa, Maria Alessandra	100%	85%	85%
Prix, Reinhard	100%	100%	100%
Robertson, Norna	10%	100%	10%
Robinson, Craig	100%	100%	100%
Romano, Joseph	50%	50%	25%
Rowan, Sheila	75%	90%	67.5%
Ruediger, Albrecht	30%	60%	18%
Sathyaprakash, B	100%	100%	100%
Schilling, Roland	30%	90%	27%
Schnabel, Roman	70%	80%	56%
Schutz, Bernard	100%	100%	100%
Speake, Clive	60%	10%	6%
Strain, Ken	75%	100%	75%
Sutton, Patrick J.	70%	80%	56%
Vecchio, Alberto	60%	80%	48%
Ward, Harry	60%	20%	12%
Willke, Benno	70%	90%	63%
Winkler, Walter	30%	90%	27%
Woan, Graham	60%	75%	45%
Brinkmann, Marc	100%	100%	100%
Cutler, Ron	100%	100%	100%
Davies, Gerald	100%	100%	100%
Fehrmenn, Henning	70%	70%	49%
Hayler, Tim	100%	100%	100%
Hoyland, David	10%	10%	1%
Jones, Russell	100%	100%	100%
Mors, Konrad	100%	50%	50%
Rainer, Norbert	50%	100%	50%
Scott, Jamie	100%	100%	100%
Weidner, Andreas	100%	50%	50%
Weinert, Michael	100%	100%	100%
Wilmut, Ian	100%	100%	100%
zur Muehlen, Heiko	100%	50%	50%
Aulbert, Carsten	100%	100%	100%
Babak, Stanislav	100%	30%	30%
Barr, Bryan	100%	100%	100%
Barton, Mark	100%	100%	100%
Chelkowski, Simon	100%	70%	70%
Cokelaer, Thomas	100%	100%	100%

Name	Rsrch	LIGO	Total
Colacino, Carlo Nicola	10%	30%	3%
Cunningham, Liam	100%	50%	50%
Dietz, Alex	100%	100%	100%
Harms, Jan	100%	50%	50%
Heptonstall, Alastair	100%	100%	100%
Hild, Stefan	100%	20%	20%
Huttner, Sabina	100%	100%	100%
Krishnan, Badri	100%	100%	100%
Machenschalk, Bernd	100%	100%	100%
Messenger, Chris	100%	90%	90%
Murray, Peter	100%	100%	100%
Pai, Archana	100%	100%	100%
Pitkin, Matthew	100%	90%	90%
Plissi, Mike	100%	100%	100%
Reid, Stuart	100%	100%	100%
Sengupta, Anand	100%	100%	100%
Somiya, Kentaro	100%	100%	100%
Sorazu, Borja	100%	100%	100%
Taylor, Robert	100%	100%	100%
Tokmakov, Kirill	100%	100%	100%
Torrie, Calum	100%	80%	80%
van Veggel, Mariel	100%	100%	100%
Veitch, John	100%	100%	100%
Whelan, John	100%	100%	100%
Aston, Stuart	100%	60%	60%
Bassiri, Riccardo	100%	100%	100%
Bastarrika, Mikel	100%	100%	100%
Behnke, Berit	100%	100%	100%
Bloomer, Edward	100%	20%	20%
Bogenstahl, Johanna	100%	20%	20%
Burmeister, Oliver	100%	100%	100%
Chalkley, Eleanor	100%	100%	100%
Clark, James	100%	100%	100%
Cumming, Alan	100%	100%	100%
Edgar, Matthew	100%	100%	100%
Gholami, Iraj	100%	100%	100%
Hallam, Jonathan	100%	80%	80%
Harry, Ian	80%	100%	80%
Haughian, Karen	100%	100%	100%
Heurs, Michele	100%	1%	1%
Jones, Gareth	100%	100%	100%
Kasprzyk, Dominik	100%	100%	100%
Lodhia, Deepali	100%	50%	50%
Martin, Ian	100%	100%	100%
Meier, Tobias	100%	1%	1%
Miller, John	100%	100%	100%
Muller-Ebhardt, Helge	100%	100%	100%
Nelson, John	100%	50%	50%
Parameswaran, Ajith	100%	100%	100%
Perreca, Antonio	100%	60%	60%
Pletsch, Holger	100%	100%	100%
Rehbein, Henning	100%	100%	100%
Ribichini, Luciano	100%	1%	1%
Robinson, Emma	100%	100%	100%
Santamaria Lara, Lucia	90%	70%	63%
Seifert, Frank	100%	100%	100%
Thring, Andr	100%	100%	100%
Toher, Jennifer	100%	5%	5%
Vahlbruch, Henning	100%	100%	100%
van den Broeck, Chris	100%	100%	100%
Franzen, Alexander	100%	1%	1%
Hage, Boris	100%	1%	1%
Kwee, Patrick	100%	60%	60%

## Roles:

**Principal Investigators:** Danzmann, Karsten  
Hough, James  
Schutz, Bernard

**Membership Point-Of-Contact:** Woan, Graham

**Group PIO/Press Coordinator:** ,  
**Proxy(s):** Papa, Maria Alessandra  
Willke, Benno  
Woan, Graham

## Author Eligible:

Allen, Bruce	Aufmuth, Peter	Chen, Yanbei
Danzmann, Karsten	Degallaix, Jerome	Fairhurst, Stephen
Freise, Andreas	Grant, Alastair	Greenhalgh, Justin
Grote, Hartmut	Grunewald, Steffen	Hammond, Giles
Heinzel, Gerhard	Heng, Ik Siong	Hewitson, Martin
Hough, James	Jones, Ian	Lockerbie, Nick
Lueck, Harald	Mossavi, Kasem	Newton, Gavin
Papa, Maria Alessandra	Prix, Reinhard	Robertson, Norna
Robinson, Craig	Romano, Joseph	Rowan, Sheila
Ruediger, Albrecht	Sathyaprakash, B	Schilling, Roland
Schnabel, Roman	Schutz, Bernard	Strain, Ken
Sutton, Patrick J.	Vecchio, Alberto	Ward, Harry
Willke, Benno	Winkler, Walter	Woan, Graham
Brinkmann, Marc	Cutler, Ron	Davies, Gerald
Fehrmenn, Henning	Hayler, Tim	Jones, Russell
Mors, Konrad	Rainer, Norbert	Weidner, Andreas
Weinert, Michael	Wilmut, Ian	zur Muehlen, Heiko
Aulbert, Carsten	Barr, Bryan	Barton, Mark
Chelkowski, Simon	Cokelaer, Thomas	Cunningham, Liam
Dietz, Alex	Harms, Jan	Heptonstall, Alastair
Hild, Stefan	Huttner, Sabina	Krishnan, Badri
Machenschalk, Bernd	Messenger, Chris	Murray, Peter
Pai, Archana	Pitkin, Matthew	Plissi, Mike
Reid, Stuart	Sengupta, Anand	Somiya, Kentaro
Sorazu, Borja	Taylor, Robert	Tokmakov, Kirill
Torrie, Calum	van Veggel, Mariel	Veitch, John
Whelan, John	Aston, Stuart	Bastarrika, Mikel
Burmeister, Oliver	Chalkley, Eleanor	Clark, James
Cumming, Alan	Gholami, Iraj	Heurs, Michele
Jones, Gareth	Kasprzyk, Dominik	Lodhia, Deepali
Martin, Ian	Meier, Tobias	Miller, John
Muller-Ebhardt, Helge	Nelson, John	Parameswaran, Ajith
Pletsch, Holger	Rehbein, Henning	Ribichini, Luciano
Robinson, Emma	Santamaria Lara, Lucia	Seifert, Frank
Thring, Andr	Vahlbruch, Henning	van den Broeck, Chris
Franzen, Alexander	Hage, Boris	Kwee, Patrick

## Council Delegates:

Allen, Bruce	Cruise, Mike	Danzmann, Karsten
Grote, Hartmut	Heng, Ik Siong	Hewitson, Martin
Hough, James	Lueck, Harald	Papa, Maria Alessandra

Rowan, Sheila    Sathyaprakash, B    Schutz, Bernard  
Strain, Ken      Sutton, Patrick J.    Vecchio, Alberto  
Willke, Benno    Woan, Graham      Krishnan, Badri

**Approvals:**



Jay Marx  
**LIGO Laboratory Director**



Karsten Danzmann  
**Principal Investigator(s)  
GEO600**



David Reitze  
**LSC Spokesperson**