

Election and Membership Calendar

LIGO-M070068-00-Z

Election and Membership Committee

April 30, 2007

We present in this document a list of elected and appointed positions in the LIGO Scientific Collaboration, and present holders, as stated in the LSC Bylaws, LIGO-M050172-04.¹

Section numbering indicates the section in the Bylaws concerning the particular position or committee. Paragraphs in italics are copied from the Bylaws.

1 Spokesperson

4.4: The Collaboration Council membership will elect a Spokesperson to serve for 2 years. Spokesperson elections will be by secret ballot. The Collaboration Council must approve the spokesperson by a majority vote. The Spokesperson may be removed by a two-thirds majority vote of the Collaboration Council.

Peter Saulson was selected on 3/8/2005.

David Reitze was elected 2/13/2007.

2 Standing Committees

7.1: Executive Committee

7.1.5: 7.1.5 The Executive Committee consists of the Spokesperson (elected)

Operations committee chair (appointed by Lab Directorate)

Analysis committee chair (appointed by LSC Spokesperson)

Detector Characterization committee chair (appointed by LSC Spokesperson)

Advanced Detector committee Chair (appointed by LSC Spokesperson)

One representative from GEO, chosen by mutual agreement by the Spokesperson and the leadership of GEO.

¹<http://www.ligo.caltech.edu/docs/M/M050172-04/M050172-04.pdf>

4 additional at large members elected by the Council, with a spread of interests represented (with the election to be held after appointees to the Exec Comm are named)

7.1.7 The elected members will serve for a term of 2 years, and may be re-elected; the appointed members serve for a term of 2 years, and may be re-appointed.

Present membership:

- Spokesperson: David Reitze
- Operations Committee Chair: Fred Raab was appointed Aug 2006
- Analysis Committee Chair: Maria Alessandra Papa was appointed Aug 2006
- Detector Characterization Chair: Keith Riles was appointed Aug 2006
- Advanced Detector Committee Chair: David Shoemaker was appointed Aug 2006
- Four members at large, elected: Gabriela Gonzalez, David Reitze, Peter Shawhan and Rai Weiss were elected 8/11/2006.

7.2: Operations Committee

7.2.2 The chair of the Operations committee is named by the LIGO Laboratory Directorate.

7.2.3 The LIGO Observatory Heads are members of the Operations Committee. In addition to the chair and the two Heads, the committee has 4 persons, appointed by the Spokesperson for 2 year periods.

7.2.4 The LIGO Directorate may appoint ex officio members to the Operations Committee.

Present membership: Fred Raab, chair.

Observatory Heads: Fred Raab, Joseph Giaime.

Rana Adhikari, Gabriela Gonzalez, Vern Sandberg and Benno Willke were appointed 5/16/2006.

Presently, the LSC members of the Joint Run Planning Committee are Fred Raab, Joseph Giaime (Observatory heads), Rana Adhikari, Benno Willke, Gabriela Gonzalez, Keith Riles, Stuart Anderson and Maria Alessandra Papa; appointed on March 2007.

7.3: Analysis Committee

7.3.2 The Analysis Committee is made up from the two co-chairs of each standing analysis group, elected by the members of the analysis group in question, for 2 year terms.

7.3.3 The Chair of the Analysis Committee is appointed by the LSC Spokesperson for a 2 year term.

Present membership:

Maria Alessandra Papa, chair, was appointed Aug 2006.

Co-chairs of Analysis working groups are:

- Erik Katsavounidis and Peter Shawhan (Bursts),
- Peter Fritschel and Vuk Mandic (Stochastic),
- Michael Landry and Maria Alessandra Papa (Pulsars),
- Patrick Brady and Gabriela Gonzalez (Inspirals).

7.3.5 The Analysis Committee establishes Review Committees for analysis groups and is responsible to see that a thorough review is performed of analyses.

Currently, review chairs are:

- Jolien Creighton (Bursts),
- Warren Anderson (Stochastic),
- Alan Weinstein (Inspirals),
- Peter Shawhan (Pulsars).

7.4: Detector Characterization Committee

7.4.2 The DetChar Committee is made up of the chairs of the DetChar Working Groups, and 3 members appointed by the Spokesperson for 2 year terms.

7.4.3 The chair of the DetChar Committee is appointed by the LSC Spokesperson for a term of 2 years.

Keith Riles was appointed Chair, Aug 2006.

LSC members: Rana Adhikari, Gabriela Gonzalez, Erik Katsavounidis, appointed Aug 2006.

Chairs of DetChar Working groups (appointed by chair of DetChar August 2006):

- Laura Cadonati, Shourov Chatterjee (glitch group);
- Keith Thorne (lines);
- Robert Schofield (Env. disturbances);
- Szabi Marka and Daniel Sigg (timing);
- Sam Waldman (upconversion);
- Nelson Christensen (cross correlations);
- John Zweizig (DQ);
- Vuk Mandic and Peter Shawhan (HW injections);
- Isabel Leonor and Greg Mendell (RDS);

7.5: Advanced Detector Committee

7.5.2 *The Adv Det Committee is made up of the chairs of the instrument Working Groups, and 3 members appointed by the Spokesperson for 2 year terms.*

7.5.3 *The chair of the Adv Det Committee is appointed by the LSC Spokesperson for a term of two years*

Present membership:

David Shoemaker, chair (appointed Aug 2006)

Chairs of Working Groups: Benno Willke (Lasers), Norna Robertson (Suspensions and Seismic Isolation), Ken Strain (Advanced Configurations), David Reitze (Optics).

3 members appointed by the Spokesperson for 2 year terms: Thomas Corbitt, Sheila Rowan, Phil Willems (appointed Aug 06).

7.6: MOU Review Panel

7.6.1: *The Executive Committee appoints an MOU Review Panel to make a periodic critical review of the Memoranda of Understanding between the LSC member institutions and LIGO. The Panel is to be balanced and broadly distributed in technical expertise and interest, and among LSC groups.*

7.6.4: *The MOU committee will rotate in membership, with at least one-quarter of the committee to change at each meeting.*

The committee last met Aug 8 to 9, 2006;

Co-chairs: Peter Saulson. Albert Lazzarini, Szabi Marka

Members: David Shoemaker (AdL/Lab), Keith Riles (DetChar), Mike Landry (CW), Fred Raab (Ops/Lab), Dave Ottaway (Lasers), Dave Reitze(Opt), Nergis Mavalvala (AIC), Erik Katsavounidis (Bursts), Norna Robertson (SWG), Gabriela González (Inspirals), Albert Lazzarini (Stochastic).

7.7: Publications and Presentations Committee

7.7.2 *The P&P Committee will consist of 5 persons appointed by the Spokesperson for 2 year terms. They may call on all members of the LSC to help them in their tasks.*

7.7.3 *The chair of the P&P Committee is appointed by the Spokesperson for a 2 year term.*

Present membership:

Dave Reitze was appointed August 2006, and stepped down March 2007 when elected Spokesperson. Laura Cadonati was appointed March 2007.

Laura Cadonati, Brian Lantz, Dave Reitze, Sheila Rowan, and Patrick Sutton were appointed August 2006. Dave Reitze stepped down in March 2007, and Valera Frolov was appointed in April 2007.

7.8: Election and Membership Committee

7.8.2 The chair and the 4 regular members of the Election and Membership Committee are appointed by the Spokesperson in consultation with the LSC Executive Committee.

Present membership: Lee Sam Finn, Gabriela Gonzalez, Szabolcs Marka, Fred Raab and Norna Robertson (chair) were appointed September 4, 2006.

7.9: Detection Committee

7.9.2 The chair of the Detection Committee is appointed by the LSC Spokesperson.

7.9.3 There will be approximately 10 other members, appointed by the Spokesperson, in consultation with the Analysis Committee chair and Analysis Working Group Chairs; appointees serve a term of two years

Present Membership, appointed Dec'06:

Rai Weiss, Chair

Burst Group : Szabi Marka, Fred Raab, Peter Shawhan.

Stochastic Group : Joe Romano and Vuk Mandic.

Inspirial Group : Steve Fairhurst and Patrick Brady

CW Group : Mike Landry, Greg Mendell, and Graham Woan

At large members: Sam Finn, MAP (as A.C. committee chair), Harald Lueck (for GEO)

7.10: Computing Committee

7.10.2 The Computing Committee is made up of one representative from each major computing group in the LSC, appointed by the Spokesperson in consultation with the Group PIs and the Analysis Committee; appointees serve a term of two years.

7.10.3 The chair of the Computing Committee is appointed by the LSC Spokesperson for a term of two years.

Present members:

Stuart Anderson (Caltech), chair;

Warren Anderson (Wisconsin-Milwaukee), Kent Blackburn (Caltech), Sam Finn (Penn State), Patrick Brady (Wisconsin-Milwaukee), Erik Katsavounidis (MIT), Tom Nash (Consultant to CIT), Alberto Vecchio (GEO/Birmingham), and Regular guests: J. Creighton (Wisconsin-Milwaukee), Murali (Penn State)

Appointed August'06?

7.11: Data Analysis Software Committee

7.11.2 The membership of the Data Analysis Software Committee consists of the chairs of the Data Analysis Software Working Groups, and 3 members appointed by the Spokesperson for 2 year terms.

7.11.3 The Chair of the Data Analysis Software Committee is appointed by the LSC Spokesperson for a term of 2 years.

Present members (appointed Aug 06):

Patrick Brady, Chair;

DMT: John Zweizig (Caltech), GEO++: Stas Babak (Max Planck, Golm), Glue: Duncan Brown (Caltech), LAL/LALApps: Jolien Creighton (Wisconsin-Milwaukee), LDAS: Stuart Anderson (Caltech), LDR: Kevin Flasch (Wisconsin-Milwaukee), Onasys: Kipp Cannon (Wisconsin-Milwaukee), MatApps: Keith Thorne (Penn State), LIGOtools: Peter Shawhan (Maryland), Open Science Grid: Kent Blackburn (Caltech), TclGlobus: Kent Blackburn (Caltech), LDG: Junwei Cao (MIT), and members at large: John Whelan (AEI Potsdam), Adam Mercer (Florida), Greg Mendell (LHO)

7.12: Calibration Committee

7.12.2 The Calibration Committee is made up of a minimum of one representative from each of the standing analysis committees, and one representative from each of the detector sites, with additional expertise in analysis and instrument science as needed. The representatives are appointed by the Spokesperson in consultation with the Analysis Working group chairs and the site heads.

7.12.3 A Calibration Review Subgroup is appointed by the Spokesperson to give guidance, support, and independent review of the Calibration Committees efforts.

7.12.4 The chair of the Calibration Committee is appointed by the LSC Spokesperson for a term of two years.

Present members:

Brian O'Reilly (LLO), Chair (appointed Dec'05)

Stefanos Giampanis (Rochester), Gabriela Gonzalez (LSU), Eiichi Hirose (Syracuse), Peter Kalmus (Columbia), Mike Landry (LHO), Albert Lazzarini (Caltech), Rick Savage (LHO), Xavier Siemens (Caltech), Myungkee Sung (LSU), Evan Goetz (Michigan), Martin Hewitson (AEI Hannover)

The Calibration Review Committee consists of: Keita Kawabe (LHO) (Chair), John Zweizig (Caltech), Vuk Mandic (Caltech), Dennis Coyne (Caltech). (Sam Waldman (Caltech) and Steve Fairhurst (Caltech) on h(t).)

Working Groups

8.3 The chair of a working group is elected through a simple majority by the members of the Working Group, or if preferred, appointed by the Spokesperson. Data Analysis groups will have two co-chairs; between them, they must have significant experience with instrument science and with data analysis.

There are at present Four Data Analysis Groups, and four Technical Working Groups: The Data Analysis Groups and their chairs are:

- Burst Group : Peter Shawhan, 2 yr term; Erik Katsavounidis, 1 yr term; elected 7/24/2006.
- Stochastic Group: Vuk Mandic, 2 yr term, and Peter Fritschel, 1 yr term; elected 6/30/2006
- Inspiral Group: Patrick Brady, Gabriela Gonzalez, appointed 5/4/2006 (terms?)
- Pulsar Group: Maria Alessandra Papa (1 yr term), Mike Landry (2 yr term), appointed 5/2006.

The Technical Working Groups are:

- Optics Group : David Reitze, elected 6/21/2006
- Lasers Group : Benno Willke, elected 8/1/2006
- Suspensions and Seismic Isolation Group: Norna Robertson, elected 3/15/2007
- Advanced Configurations : Ken Strain, appointed 8/2006.

3 Oversight Committee

We elect two LSC members as technical advisors to the LIGO Oversight Board, for 2 years appointments, staggered. Dave Reitze (2 years) and Keith Riles (1 year) were elected on May 2005.

4 Elected Positions, by date of Election

- Technical Advisors to LIGO Board: May 2005 (2 years, staggered)
- Co-chairs Stochastic Group: June 2006, 1 and 2 years.
- Chair Optics Group: June 2006, 2 years.
- Co-chairs Burst group: July 2006, 1 and 2 years.
- Chair Lasers Group: August 2006, 2 years.
- Exec Cte Members at large : August 2006, 2 years
- Spokesperson: March 2007, 2 years.
- Chair Suspensions and Seismic Isolation group: March 2007, 2 years

5 Proposed Election Calendar, 2007-2008

2007:

- April 2007: Optics Working Group (currently held by Reitze)
- April 2007: at-large member of Exec comm (currently held by Reitze, elected spokesperson)
- May 2007: Technical Advisor to LIGO Board (currently held by Reitze or Riles)
- June 2007: Co-chair Stochastic Group (currently held by Fritschel)
- July 2007: Co-chair Burst Group (currently held by Katsavounidis)

2008:

- May 2008: Technical Advisor LIGO Board (currently held by Reitze or Riles)
- June 2008: Co-chair Stochastic Group (currently held by Mandic)
- July 2008: Co-chair Burst Group (currently held by Shawhan)
- September 2008: Chair Lasers Group (currently held by Willke)
- October 2008 (early July 2008): Exec members at large (currently held by Gonzalez, Reitze, Shawhan, Weiss)

6 Appointed positions

Position names are followed by date of appointment and term length.

- Operations Committee Chair : F. Raab, Aug'06, 2yrs
- Operations Committee LSC members (4): Adhikari, Gonzalez, Sandberg, Willke, May'06, 2yrs
- Joint Run Planning Committee: Adhikari, Gonzalez, Riles, Willke, Anderson, Papa, March'07 .
- Analysis Committee Chair : M.A. Papa, Aug'06, 2yr
- Co-chairs Inspiral group Brady, Gonzalez, May'06, 2 yrs, staggered
- Co-chairs Pulsar group: Papa, Landry, May'06, 2 yrs, staggered

- Detector Characterization Committee Chair: K. Riles, Aug'06, 2yr
- Detector Characterization LSC members (3): Adhikari, Gonzalez, Katsavounidis, Aug'06, 2 yrs
- Advanced Detector Committee Chair: D. Shoemaker, Aug'06, 2yr
- Advanced Detector Committee members (3): Corbitt, Rowan, Willems, Aug 06, 2 yrs
- MOU review panel: Shoemaker, Riles, Landry, Raab, Ottawa, Reitze, Mavalvala, Katsvounidis, Robertson, Gonzalez, Lazzarini, Saulson, Marka, Aug'06, 1/4 of the committee to change in Aug 07.
- P&P Committee Chair: Laura Cadonati, Mar'07, 2 yrs.
- P&P Committee members (5): Cadonati, Lantz, Frolov, Rowan, Sutton, Aug'06, 2 yrs.
- Election and Membership Committe Chair: Norna Robertson, Sep'06. Appointed in consultation with the Exec Cte.
- Election and Membership Committe members (4): Finn, Marka, Raab, Gonzalez, Sep'06, no term limit? Appointed in consultation with the Exec Cte.
- Detection Committee Chair: Weiss, Dec'06.
- Detection Committee members (approx 10): Marka, Raab, Shawhan, Romano, Mandic, Fairhurst, Brady, Landry, Mendell, Woan, Finn, Papa, Lueck, Dec '06, 2 yrs. Appointed in consultation with the Analysis Cte chair and Analysis working group chairs.
- Computing Committee Chair: S. Anderson, Aug 06, 2yrs.
- Computing Committee Members (one per computing group): W. Anderson, Blackburn, Finn, Brady, Katsavounidis, Nash, Vecchio, Aug'06, 2yrs (in consultation with group PIs).
- Data Analysis Software Committee chair: Brady, Aug 06, 2 yrs.
- Data Analysis Software Committee members (3): Whelan, Mercer, Mendell, Aug 06, 2 yrs.
- Calibration Committee chair: B. O'Reilly, Dec'05, 2 yrs
- Calibration Committee members (at least one per analysis committee and one per detector site): Giampanis, Gonzalez, Hirose, Kalmus, Landry, Lazzarini, Savage, Siemens, Sung, Goetz, Hewitson, Feb'06 (?). Appointed in consultation with analysis working group chairs and site heads.

- Calibration Review Subgroup: Kawabe (chair), Zweizig, Mandic, Coyne, Waldman, Fairhurst, Aug'06.
- Inspiral Data Analysis Working Group co-chairs: Brady, Gonzalez, May'06, 2 yrs, staggered.
- Pulsar Data Analysis Working Group co-chairs: M.A. papa, M. Landry, May'06, 2 yrs, staggered.
- Advanced Configurations Working Group: Ken Strain, appointed Aug '06.