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“Welcome to the LSC meeting”

Peter Saulson



# The state of the collaboration

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The collaboration is thriving, growing and changing, as is the field of gravitational wave detection.

Witness this afternoon's schedule:

- » four new applications for LSC membership
- » three international reports
- » presentation of first LIGO Thesis Prize

plus

- » good progress on data analysis
- » impending start of long data run at/near design sensitivity
- » Advanced LIGO in a short queue for project start



# Recent data analysis papers



## Published:

- S2 known pulsars  
*Physical Review Letters* **94**, 181103 (2005)
- GRB030329 triggered burst analysis  
*Physical Review D* **72**, 042002 (2005)

## Submitted:

- S2 untriggered burst search
  - S2 Binary Neutron Star inspiral search
  - S2 Primordial Black Hole inspiral search
  - S2 LIGO-TAMA untriggered burst search
- and
- S3 stochastic background search



# Agenda of Tuesday Council Meeting



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- Report on search for new LIGO Director
  - S5 sensitivity discussion
  - Membership applications
    - » University of Texas at Austin (Matzner)
    - » University of Sannio at Benevento (Pinto)
    - » University of Maryland (Buonanno)
    - » Embry-Riddle Aeronautical University (Gretarsson)
  - Vote on approval of new LSC Charter
  - Discussion of draft LSC Bylaws
  - Vote on revisions to Publication Policy

Council members only, in this room, from 0800 to 1200.



## Also going on ...



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- Second MOU Review meeting next week  
with transition to one-year review cycle
  - Start of drafting of LSC Research White Paper  
First draft is a bit over half done  
Will continue to fill in and revise through the fall, bring to the LSC for approval in March 2006



# State of LSC/Lab restructuring



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We've done a good job of removing barriers.

- » Three person Directorate works.
- » Caltech is now starting to make appointments as Visiting Associate in LIGO; more to come.
- » Oversight Committee reform is almost done.

Note that Caltech turned to the LSC for help in searching for the next LIGO Director.



# Meeting announcements



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As always ...

Please give your talk viewgraphs to Linda Turner.

She is offering valuable treats as a reward.