

# LSC Meeting Issues

July 19, 1999  
Fifth Meeting @ Stanford University

## Detector research and development

LIGO II Concept to NSF September 1999.  
basis for Major Research Equipment (MRE) initiative

LSC needs to provide a coherent vision and scientific rationale  
scientific opportunities,  
scope of the changes,  
order of changes  
a plan for LSC member participation in the program

Modification to the “*LSC White Paper on Detector Research and Development*” (Nov 9, 1998) by September 1999

## Data Analysis and Software Development

### **LIGO/LSC Algorithm Library: Specification and Style Guide**

Sample programs stored in CVS repository  
heterodyne  
window (apodization)  
power spectrum

### **LSC Software Coordinator**

defines and manages the software development in the LSC  
organizes the test program: the mock data challenges  
maintains the LIGO/LSC analysis library  
chairs the LSC software Change Control Board  
member of LSC Data Analysis Committee

## **LSC Data Analysis White Paper**

Final draft by September 1999

*Work needed on current draft:*

Review commitments made by LSC members

Set schedule for delivery

Complete sections:

Astrophysical source detection section

discussion of upper limits

listing of unsolved problems

Organization of Data Analysis section

policy statement, needs reading

Long Range Program section

should benefit from collective wisdom

## **LSC Data and Presentation Policy**

Discuss and vote on in Council session Tuesday morning

When to make operative if approved

## **Next LSC meeting dates ?**

LSC 6 @Livingston, Louisiana site March 16,17,18 2000 th,fr,sat

LSC 7 @Hanford, Washington site August 17,18,19 2000 th,fr,sat

## **Other meetings already set**

LIGO Dedication @ Livingston, Louisiana November 12, 1999 fr

LIGO PAC @ MIT, Cambridge, Mass November 17,18,19, 1999 wed,th,fr

GWDAAW @ Rome, Italy Dec 2,3,4 1999 th,fr,sat

*Note 1, Linda Turner, 08/17/99 07:25:58 PM*  
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