



LSC-Virgo Meeting Closeout Session

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LIGO Scientific Collaboration





Last minute announcements

- Lunch will be served today next door
- The Werkhof has kindly requested that the people adjourn by 2 pm in order for them to clean-up
 - » People are welcome to go the AEI, Callinstrasse 38, map on website
- Site visit group should leave Werkhof to walk to buses at 13:45 pm
 - » Location on the web
 - » For people with luggage, your luggage will be moved to the AEI
- NOTE: Regional train strike (S-bahnen) until 8 am tomorrow
 - » Don't count on the strike to end at 8 am
 - » Information on <u>www.bahn.de</u>





Report of the Executive Committees

• Joint LSC-VSC Executive Committee Meeting Discussions

- » Discussion of discovery journal
- » Discussion of the Detection Committee; LSC and Virgo roles

• LSC Executive Committee Discussions

- » Considerations of GRB070201 and S3 spinning NS/BH paper
- » Papers discussed, but not voted on
 - GRB paper had one more round of review to go through
 - S3 spinning CBC paper not digested by the ExComm
 - Both papers will receive expedited ExComm consideration in the very near future
- » Discussion of undergraduate members of the LSC
 - Feeling is LSC groups should welcome undergraduates (and list as LSC members), but undergrads should not be tallied for governance, service purposes
- » LSC policy for data sharing outside the collaboration
 - for summer students
 - for visitors to LSC group





Upcoming Meetings

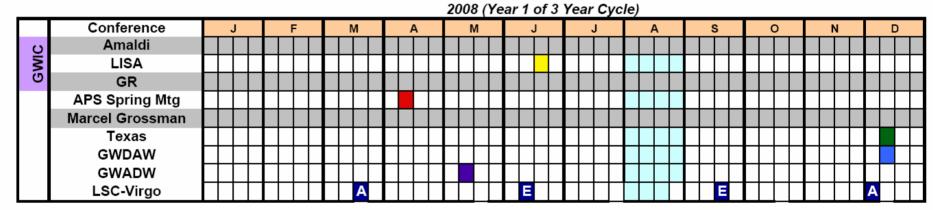
- L-V Meeting, December 11-12, MIT
 - » Web site forthcoming
- GWDAW, December 13-16, MIT
 - » Web site forthcoming
- AAS meeting, Jan 7-11, 2008, Austin, TX
- Numerical Relativity and Data Analysis, Jan 7-18, 2008 KITP, UCSB (invitation)
- Virgo Week, Jan 28-30, Cascina
- L-V Meeting, March 17-20, 2008, Caltech
- APS Meeting, April 12-15, St. Louis, MO
 - » Invited GW session
- GWADW, May 12 18, 2008, Elba, Italy
- Aspen Summer Workshop on GW Astronomy, May 25-June 13, 2008, Aspen
- OTHERS??

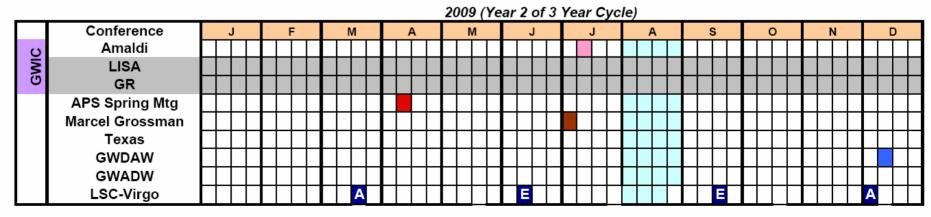




Ongoing L-V Meeting Schedule

• Schedule of meetings developed for the next three years – available on ligo.org









Final thoughts

- This was a very exciting meeting!
- Both the Burst and CBC groups reported interesting candidates
 - » Will focus their attentions over the next few weeks
- Search groups finishing up S4 and moving forward on S5/VSR1 analyses
 - » Many analyses joint with Virgo VSR1
 - » Burst first year S5 all-sky burst search, high f joint LSC-Virgo burst search, triggered searches
 - » CBC low mass, high mass inspiral searches (low mass joint with Virgo), GRBs
 - » CW Crab search, Einstein@Home, S5 known pulsar
 - » Stochastic H1L1, radiometer, spherical harmonic decomposition, H1H2, H1L1 FSR search





Final thoughts (cont'd)

• Instrument science

- » E-LIGO, Virgo+ full speed ahead!!
- » Advanced LIGO, Advanced Virgo, GEO-HF advancing on all fronts
- » IS working groups starting to think about the next generation
 - Lasers: E-LIGO, Virgo+, AdvLIGO, Advanced Virgo
 - Optics: thermal noise, coatings, AdvLIGO test masses, high power optics
 - Configurations: AdvLIGO ISC, GEO DC readout, third generation concepts
 - Seismic and suspensions: focus on AdvLIGO





Thanks to our Hannover hosts!

• This is the largest L-V meeting that we've ever had

- » 224 people have registered...
- » ... more than we planned for!

• Many people deserve our thanks

- » Karin Salatti-Tara for help in every area (' 4π ' attention)
- » Kasem Mossavi for venue selection and administrative matters
- » Carsten Aulbert for A-V support
- » Klaus Haupt for AEI support
- » Linda Turner for DCC archiving
- » The Local Organizing Committee
- » The LSC Conference Committee (Gabriela Gonzalez, Maria Alessandra Papa, and David Shoemaker)





See you at MIT in December!