

---

# LSC-Virgo Meeting Closeout Session

Dave Reitze

# 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 [www.bahn.de](http://www.bahn.de)

# 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??



# 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 (' $4\pi$ ' 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!