

LSC-Virgo Meeting Closeout Session

Dave Reitze

LSC Executive Committee Meeting Agenda

- **joint VSC-LSC Executive Committee session:**
 - » Item 1: External collaborations document
 - General agreement that the principle of the document was good
 - Noted that procedures are lacking
 - How to approve SWIFT proposal? (the most pressing one)
 - VSC will listen to Burst group presentation and provide feedback
 - The SWIFT proposal will be given to Virgo for consideration
 - » Item 2: LIGO open data policy and its implications for Virgo and GEO:
 - Discussions on length of proprietary period
 - Virgo will provide feedback on month time scale
 - GEO will also provide feedback
- **LSC ExComm meeting:**
 - » CW group S5 PowerFlux search paper approved for submission to PRL!
 - One week LSC comment period

LSC Council Meeting Agenda

- Consideration of new RIT members applying for membership to the LSC
 - » Council voted to defer consideration of new RIT members for 6 months
- Discussion of LIGO open data policy position paper
 - » General framework presented in paper is reasonable
 - » Good discussion about the appropriate duration of the proprietary period and whether a different metric should be used
 - » Some discussion about impact on our international members (GEO) and partners (Virgo)
- Consideration and vote on a policy by the Data Analysis Council for developing external collaborations between the LSC/Virgo and other collaborations
 - » Very animated discussion on this topic
 - » DAC document as written was view as good in spirit, lacking in protocols
 - » A proposal for formal external collaborations protocols was introduced and discussed
 - <http://www.lsc-group.phys.uwm.edu/ligovirgo/dac/policy/extCollAttch.txt>
 - » Vote deferred on policy to allow DAC to discuss and incorporate new protocols

LSC Council Meeting Agenda

- Consideration and vote of proposals for external collaborations by the Burst group
 - » 4 proposals
 - SWIFT target of opportunity proposal
 - Antares (MOU)
 - IceCube (MOU)
 - Wide-field optical telescope consortium (ROTSE, Tarot, SkyMapper) (MOU)
 - » Discussion in the Council was animated
 - Discussion of science, manpower needs, time scales
 - » The Council voted overwhelmingly to pass the following motion:
 - The burst group will prepare a proposal for SWIFT Telescope time
 - will be presented to DAC, the LSC executive committee, and the VIRGO steering committee for final approval
 - The burst group will begin discussions for developing MOUs with Antares, Icecube, and wide field of view telescopes (LOOCUP) with the understanding that those MOUs will be presented in one month to the council/executive committee for consideration

LSC Observational Papers (erratum)

- **LSC observational papers in print since June**
 - » *“Implications for the Origin of GRB 070201 from LIGO Observations”*, in Ap. J.
 - First S5 paper in print
 - » *“Beating the spin-down limit on gravitational wave emission from the Crab pulsar,”* in Ap. J. Lett.
 - » *Astrophysically triggered searches for gravitational waves: status and prospects*, in CQG
 - **LIGO-Virgo paper!**
- **LSC observational papers accepted since June**
 - » *“Search of S3 LIGO data for gravitational wave signals from spinning black hole and neutron star binary inspirals”*, accepted in Phys. Rev D
 - » *The Einstein@home search for periodic gravitational waves in LIGO S4 data*, accepted in Phys. Rev D
 - » *“First joint search for gravitational-wave bursts in LIGO and GEO600 data”*, accepted in CQG
- **LSC observational papers on ArXiv since June**
 - » *“Search for Gravitational Wave Bursts from Soft Gamma Repeaters”*, submitted to Phys. Rev. Lett.
- **Mature drafts**
 - » *“All-sky LIGO search for periodic gravitational waves in the early S5 data”* – CW group paper
 - » *“Search for Gravitational Waves from Low Mass Binary Coalescences in the First Calendar Year of S5 LIGO data* – CBC group

Upcoming Meetings and Workshops

- **Upcoming L-V meetings**
 - » December meeting, Dec 15-18, 2008 College Park, MD
 - f2f + main DA meeting
 - » March meeting, March 16-19, 2009, Pasadena, CA
 - full meeting
- Texas 2008, Vancouver, British Columbia, Dec 7-14, 2008
 - » The XXIV Texas Symposium on Relativistic Astrophysics
- AAS 213, Long Beach, California, Jan 4-8, 2009
 - » American Astronomical Society meeting
 - Special symposium on gravitational wave astronomy
- GWDAAW 13, San Juan, Puerto Rico, January 19-22, 2009
- APS April 2009, Denver, Colorado, May 2-5, 2009
- GWADW, Ft. Lauderdale, FL, May 10-15, 2009
- Amaldi 8, Columbia University, New York, Jun 21-27, 2009

Exhaustive meeting list available at:

<http://www.lscgroup.phys.uwm.edu/ppcomm/public/Conferences/FutureConferences.html>

Final thoughts

- Tighter integration of LSC and Virgo is occurring
 - » The DA groups, DASWG really now function seamlessly across L-V
- How do we interact with astronomers outside our collaboration?
 - » This question is becoming ever more important
 - » There are strong opinions, but I think that we are close to having a good and effective mechanism
- LVC meeting structure – is it working?
 - » Severe time-pressure in all groups
 - » LSC Conference Committee will look into possible new structures
 - Gabriela Gonzalez, Eric Gustafson, Maria Alessandra Papa with input from Gregg Harry
 - Your opinions will be solicited

Thanks to our hosts

- The Nikhef Virgo group rolled out the red carpet for the LVC
- We would like to thank:
 - » Els Dekker – conference secretariat
 - » Tjeerd Ketel – EVO
 - » Students:
 - Gideon Koekoek
 - Siphon van der Putten
 - » Photo's: Kees Huyser
 - » Thomas Bauer
 - » Jo Van den Brand
- Please give them your heartfelt thanks!

See you
@ UMD in December!