
LSC-Virgo Meeting Closeout Session

Dave Reitze

Report of the Executive Committee

- **LSC Executive Committee Discussions**
 - » Andrea Centazzo Project – “Einstein’s Cosmic Messengers”
 - Multi-media presentation with theme of gravitation waves
 - » Discussion of the development of a 3rd generation white paper
 - “Pre-conceptual design’
 - Similar to what was done for Advanced LIGO
 - » LSC support of Lovell Telescope (Jodrell Bank)
 - STFC programmatic review

Report of the Council

- Approval of Selim Shahriar, Northwestern University to join the LSC
 - » Congratulations, Selim!
- Proposal to change the LSC Spokesperson selection process passes
 - » Intent – to create a more informed process
 - » New process
 - “town hall” meeting between Spokesperson candidates and LSC Council with a set of standard questions
 - Candidate statements to the LSC
 - Open Council discussion (minus candidates)
 - » Approved by the Council
 - E&M Committee will develop ByLaws language and bring back for final approval
- Change in the LSC nomination process for leadership positions
 - » A discussion of how the E&M nomination process functions to clarify some ignorance and misconceptions in the process
 - How nominations from working groups turn into slates
 - How the E&M committee achieves balance for elections of at-large members of the Executive Committee
 - » Very animated and fruitful discussion

Report of the Council

- **The Council passed the following motion:**
 - » “The Election and Membership Committee will accept all nominations for open positions, and is free to add nominees of their own. The Committee will speak with the nominees, and will remove nominees from the election slate if and only if they do not wish to stand for election. In the subsequent election, if no candidate has more than half of the votes, a run-off election will be held among the top two finalists.”
- **Proposed changes to the LSC ByLaws**
 - » Mostly to fix inconsistencies that have been found – approved
 - » Substantive discussion on length of terms for LSC committees
 - 2 years vs 3 years?
 - Will be considered at next Council meeting
- **Discussion of Publication Policy proposed changes were tabled**

Upcoming Meetings and Workshops

- Pacific Coast Gravity Meeting, March 21-22, 2008, UCSB
- High Energy Astrophysics Division meeting of the AAS, March 31- April 3, 2008, Los Angeles
- 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
- UTB Gravitational Wave Summer School, June 2-13, 2008, South Padre Island, TX
- LISA Symposium, June 16-20, 2008, Barcelona, Spain
- L-V Meeting, 2nd week of June, Orsay, France
 - » Data analysis focus
- L-V Meeting, September 22-25, 2008, Amsterdam
 - » Full meeting, Council meeting
 - » f2f September 20,21

Gravitational Wave Advanced Detector Workshop VESF Scientific Meeting Third Generation Gravitational Wave Detectors May 12 - 18, 2008

La Biodola, Isola d'Elba, Italy
www.pi.infn.it/congressi/gwadw08/

Program

Science Goals for Third Generation Detectors
What is a Third Generation Detector?
Third Generation Possibilities
Thermal Noise
Low Temperature
Low Frequency
Underground Option
Space Antennae
Instrument Topology, High Intensity Light Beams,
Quantum Non Demolition
All Reflective Optics
Cold Atoms
Roadmap



Ongoing L-V Meeting Schedule

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

2008 (Year 1 of 3 Year Cycle)

Conference		2008 (Year 1 of 3 Year Cycle)													
		J	F	M	A	M	J	J	A	S	O	N	D		
GWIC	Amaldi														Jun 16-20, Barcelona
	LISA														
	GR														
	APS Spring Mtg														Apr 12-15, St Louis
	Marcel Grossman														
	Texas														
	GDAW														
	GWADW														May 12-18, Elba
	LSC-Virgo				A										
							E						E		
														A	

2009 (Year 2 of 3 Year Cycle)

Conference		2009 (Year 2 of 3 Year Cycle)													
		J	F	M	A	M	J	J	A	S	O	N	D		
GWIC	Amaldi														June 21-27, NYC
	LISA														
	GR														
	APS Spring Mtg														May 2-5, Denver
	Marcel Grossman														
	Texas														
	GDAW														
	GWADW														July 5-11, Paris
	LSC-Virgo														
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Final thoughts

- **Exciting progress on all fronts**
 - » E-LIGO and Virgo+ are on track; AdvLIGO will officially start in the next few weeks
 - » S5 analyses maturing, papers in draft form
 - » Exciting progress in technical WGs on ALIGO and beyond
- **Thoughtful discussions in the Data Analysis Council**
 - » How do we speed up our analyses?
 - » How do we interact with astronomers outside our collaboration?
 - » Blind vs online analyses in S6?
- **Remote participation 'experiment' was positive**
 - » ~20-25 people participated by EVO
 - » Will take away lessons learned and improve the process

Final Thoughts

- Does the current structure of the L-V meeting serve the needs of the LSC and Virgo Collaborations?

Thanks to our Caltech hosts!

- This is the largest L-V meeting that we've ever had
 - » 270 people have registered for meeting and workshop
 - » ... more than we planned for!
- A substantial organization effort takes place to make this happen
- Many people deserve our thanks
 - » Cindy Akutagawa - logistics
 - » Christian Cepeda - computing
 - » Jim Covington - logistics
 - » Dwayne Giardina - computing
 - » Julie Hiroto - logistics
 - » Veronica Kondrashov - web
 - » Dorothy Lloyd – organization, logistics
 - » Cleveland Mak - organization
 - » Mike Pedraza - computing
 - » Linda Turner - organization
 - » Larry Wallace – computing
 - » Norna Robertson - organization

See you
at Orsay in June!