

March 2007 LSC-VIRGO meeting			
Start	Duration		
Monday March 19			
7:45-9:00 Breakfast - Foyer			
8:00	1:00	Meeting of Data Analysis Council + Run Planning Comm Louisiana Room	
***** DATA ANALYSIS PLENARY PRESENTATIONS *****			
Riverview Ballroom A			
<u>Stochastic group:</u>			
9:00	0:30	S4 FSR Result, 15(talk)+5(review)+10(discussion)	Tobin Fricke
9:30	0:15	LIGO-VIRGO Status, 10(talk)+5(discussion)	Giancarlo Cella
9:45	0:15	S5 Isotropic Searches, 10(talk)+5(discussion)	Nick Fatopoulos/Vuk Mandic
10:00	0:15	S5 Radiometer Search, 10(talk)+5(discussion)	Rob Ward
10:15	0:15	Spherical Harmonic Decomposition, 10(talk)+5(discussion)	Stefan Ballmer
10:30-11:00 Coffe Break, Foyer			
<u>Compact Binary Coalescences group:</u>			
11:00	0:20	LIGO/VIRGO joint binary coalescences group: overview	Frederique Marion
11:20	0:30	Search for neutron stars and black holes in S3/S4 LIGO data	Alex Dietz / Alan Weinstein
11:50	0:20	Search for coalescing binaries in 1st year of S5 LIGO data	Drew Keppel
12:10	0:20	Plans for searching spinning systems in S5 data	Chris Van DerBrook
12:30-14:00 Lunch - Riverview Ballroom B			
<u>Burst group:</u>			
14:00	0:30	S3 LIGO-AURIGA burst search, 15+5+10 min	Laura Cadonati,
14:30	0:20	Externally triggered burst searches 15+5 min	TBD
14:50	0:20	S5 Coherent WaveBurst search, 15+5 min	Sergey Klimenko or Igor Yakushin
15:10	0:15	S5 BlockNormal search update, 10+5 min	Keith Thorne?
15:25	0:20	S5 Q Pipeline searches, 15+5 min	Shourov Chatterji,
15:45-16:15 Coffe Break, Foyer			
<u>Continuous Waves group:</u>			
16:15	0:30	All-sky, large frequency band, fast S5 survey	K. Riles/V. Dergachev
16:45	0:30	S5 Crab search	J. Betzwieser
17:15	0:30	Einstein@Home update	TBD
19:00 LSC Executive committee (D'Agostino's, 151 Third St.)			
Tuesday March 20			
7:30-8:30 Breakfast - Riverview Ballroom B			
***** MAIN PLENARY PRESENTATIONS *****			
Riverview Ballroom A			
8:30	0:20	State of the LSC	Peter R Saulson
8:50	0:20	State of the LIGO Lab	Albert Lazzarini
9:10	0:20	S5 and what follows	Mike Zucker
9:30	0:20	Advanced LIGO	David Shoemaker
9:50-10:20 Coffe Break, Foyer			
10:20	0:20	Virgo Status and Plans	Benoit Mours
10:40	0:20	GEO Status and Plans	Stefan Hild
<u>Discussion about data sharing:</u>			
11:00	0:30	Point of view of the Data Analysis Council	M.A. Papa, A. Vicere
11:30	0:15	Current "Project 2b" joint burst search	TBD
11:45	0:45	Open discussion	
12:30-14:00 Lunch, Riverview Ballroom B			
<u>Recap of Data Analysis science plans for the next 6 months:</u>			
14:00	0:30	Continuous waves	
14:30	0:30	Compact Binary Coalescences	
15:00	0:15	Bursts (VIRGO)	
15:15	0:15	Bursts (LSC and joint)	
15:30	0:30	Stochastic	
16:00-16:30 Coffe Break			
Coffe Break, Foyer			
16:30	0:20	View from NSF	B. Berger or T. Lucatorto
16:50	0:15	New LSC roster system	Sam Finn
17:05	0:15	Presentations and Publications Committee	Dave Reitze
<u>New member presentations:</u>			
17:20	0:15	Neil Cornish (Montana State)	
17:35	0:15	Selim Shahriar (Northwestern)	
17:50	0:15	Laura Cadonati (UMass)	
18:05	0:15	Zsolt Frei (Eotvos University)	
19:00 LSC Council meeting: working dinner, Riverview Ballroom B			

March 2007 LSC-VIRGO meeting						
Start	Duration					
Wednesday March 21						
7:30-8:30		Breakfast - Foyer				
		***** TECHNICAL PLENARIES ***** Riverview Ballroom A				
8:30	0:20	VIRGO commissioning	Raffaele Flaminio			
8:50	0:20	Enhanced LIGO	Sam Waldman			
9:10	0:20	S5 environmental disturbances	Robert Schofield			
9:30	0:20	S5 Calibration	Myungkee Sung			
9:50	0:15	ETF and HAM Seismic Isolation update	Brian Lantz	Det Char - Victory Room		
10:05-10:30		Coffee Break, Foyer				
10:30	0:20	LASTI update	Dave Ottaway	<u>S5 Glitch Studies:</u>		
10:50	0:20	Generation of squeezed states for gravitational wave detectors	Simon Chelkowski	10:30 S5 Glitches Overview (Shourov Chatterji)		
11:10	0:20	What's new in generation of squeezed states for GW interferometers	Keisuke Goda	10:55 New types of glitches seen in Block-Normal (Shantanu Desai)		
11:30	0:20	40m update	Rob Ward	11:15 Data Quality Epochs in the first year of S5 (Gaby Gonzalez)		
11:50	0:20	Coating Overview	Sheila Rowan	11:35 Update on Glitch Classification (Soma Mukherjee)		
12:10	0:20	Status of the Adv LIGO PSL development	Benno Willke	<u>S5 Upconversion Studies:</u>		
				11:50 S5 Upconversion Overview (Sam Waldman)		
				12:10 Upconversion studies with the Hilbert-Huang Transform (Jordan Camp)		
12:30-14:00		Lunch, Heidelberg Ballroom (10th floor)				
				(Det Char preliminary agenda)		
				Final agenda in http://qallatin.physics.lsa.umich.edu/~keithr/lscdo/agenda_mar07.html		
		***** PARALLEL SESSIONS *****				
		Optics/Lasers WGs - Riverview Ballroom A		Adv Interf Config - Governor Room		
				Det Char - Victory Room		
14:00	2:00	14:00-14:15: Paolo La Penna, Status and Virgo+ evolution of the Virgo optics		<u>S5 Investigations:</u> 14:00 S5 Data Quality Investigations (John Zweigig) 14:25 DQ Flagging S5 Elog Entries (Tiffany Summerscales) 14:40 S5 Spectral Line Cataloguing (Keith Thorne) 15:05 S5 Timing Stability (Szabi Marka) 15:20 Matched-Filter Recovery of S5 Hardware Injections (Myungkee Sung) 15:40 S5 Data Set Reduction - Proposed Changes (Greg Mendell)		
		14:15-14:30: A. Bullington, Thermal loading in pre-modedcleaners				
		14:30-14:45: V. Quetschke, High power optical components for Enhanced and Advanced LIGO				
		Optics/Suspension+Seismic Isolation WGs Riverview Ballroom A			Lasers WG - Louisiana Room	14:00-14:15: Henning Rehbein, Improving Advanced LIGO sensitivity using a local readout scheme
		14:50-15:05: S. Reid, Charging Experiments	14:50-15:05: Maik, New development on high power solid state laser at LZH 15:05-15:20: Supriyo, Laser work at Stanford 15:20-15:35 R. Amin, LSU 30W laser		14:20-14:35 Helge Mueller-Ebhardt, Test-mass state preparation and entanglement in laser interferometers	14:40-14:55, Atsushi Nishizawa, Quantum noise in a locked-type GW interferometer and signal recycling
		15:05-15:20 V. Mitrafanov, Test mass charge relaxation			15:00-15:15 Kirk McKenzie – squeezing and cooling	15:20-15:35 Eiichi Hirose - Radiation pressure instabilities
15:20-15:35 D. Ugolini, Kelvin probe measurements	15:40-15:55 Nergis Mavalvala - Optical trapping and cooling of macroscale mirrors					
15:35-15:50 KX Sun - Update on UV charging mitigation at Stanford						
16:00-16:30		Coffee Break, Foyer				
		Optics WG - Riverview Ballroom A		Interf Sensing and Control/ AdLIGO - Governor Room		
				Det Char - Victory Room		
16:00	2:30	16:30-16:45 Phil Willems TCS Update	Calibration Committee f2f Louisiana Room	DMT Development and Studies: 16:30 DMT Infrastructure Status & Development (John Zweigig) 16:50 PlaneMon Studies (Evan Goetz) 17:05 PulsarMon Update (Giovanni Santostasi) 17:20 SixtyHertzMon Update (Keith Riles) 17:35 NoiseFloorMon Studies (Robert Stone)		
		16:45-17:00 Wan Wu Modulation Noise Couplings in AdvLIGO		16:30-16:50 ISC overview and planning: Peter Fritschel		
		17:00-18:00 B. Kells, D. Blair: Parametric instability discussion		16:50-17:20 Lock acquisition modeling: Osamu Miyakawa		
				17:55 Method for a safe statistical veto using IFO channels (Stefan Hild) 18:15 Coherent Event Display for Detector Characterization (Adam Mercer)		
19:00		Banquet Dinner: Heidelberg Ballroom (10th floor)				
		LIGO Academic Affairs Council (Louisiana Room), after banquet				

March 2007 LSC-VIRGO meeting				
Start	Duration	Thursday March 22		
8:00-9:00		Breakfast - Foyer		
		***** PARALLEL SESSIONS ***** (cont'd)		
		ISC /AdLIGO - Riverview Ballroom A	Lasers WG - Louisiana Room	Optics WG - Governor Room
				Det Char - Victory Room
9:00	1:30	9:00- 9:20 Modulation schemes: Rana Adhikari 9:20- 9:35 Modulation design for the 40m: Kirk Mc Kenzie 9:35- 9:55 Alignment sensing: Valera Frolov 9:55-10:15 Output mode cleaner design: Sam Waldman 10:15-10:35 OMC suspension design: Norna Robertson	9-10:30: Enhanced/Advanced LIGO planning session: changes of PSL optical layout for Enhanced LIGO Location of PSL equipment and interfaces (cooling, electrical power) Laser safety inside PSL rooms PMC design Alignment fluctuations / pointing requirements test plan	10:15-10:30: Patrick Lu, Large Aperture Dielectric Gratings for High Power LIGO Interferometry
10:30-11:00		Coffee break, Foyer		
		ISC/SWG - Riverview Ballroom A		
11:00	1:30	11:00-11:30 SPI - Seismic Platform Interferometer: B. Slagmolen/S. Waldman		11:00-11:15: A. Gretarsson, Measurements of dn/dT in Ta2O5 and implications for thermorefractive noise
		11:30-11:45 Justin Greenhalgh, SUS Noise Prototype Update 11:45-12:00 S. Penn/G. Harry, Initial and Enhanced LIGO suspension thermal noise 12:00-12:15 Rich Mittleman, LASTI BSC prototype update 12:15-12:30 Riccardo DeSalvo, HAM SAS update		11:15-11:30: Greg Ogin, TNI update 11:30-12:30 Coating f2f
12:30-14:00	Lunch	***** CLOSING SESSION ***** Riverview Ballroom A		