

Agenda Lasers and Optics Working Group Meeting						
March 4-6, 1999 Gainesville Florida						
Friday 5 March 1999						
	Speaker	Start	Stop	Q&A	ET	
A. Advanced Core Optic Materials	Jordan Camp					
1. Review of LIGO I Specs and Testing	Jordan Camp	9:00 AM	9:20 AM	0:05	0:20	
2. How Crystals are Grown - I	Roger Route	9:25 AM	10:05 AM	0:05	0:40	
3. Absorption measurements in crystals	Alex Alexandrovski	10:10 AM	10:30 AM	0:05	0:20	
4. Status of Q measurements in advanced materials	Sheila Rowan	10:35 AM	10:55 AM	0:05	0:20	1:40
Break		11:00 AM	11:20 AM		0:20	
B. White Paper Review and Recommendations		11:20 AM	12:00 PM		0:40	
Lunch		12:00 PM	1:00 PM			
C. Lasers for Gravitational Wave Interferometry	Benno Willke					
1. Status of the GEO laser system	Benno Willke	1:00 PM	1:20 PM	0:03	0:20	
2. Status of the TAMA laser system	Shinsuke Taniguchi	1:23 PM	1:28 PM	0:00	0:05	
3. Transverse pumped slab lasers	Bill Tulloch	1:28 PM	1:48 PM	0:03	0:20	
4. The future of diode pumped lasers	Robert Byer	1:51 PM	2:11 PM	0:03	0:20	
5. The prospects for shorter wavelength sources	Marty Fejer	2:14 PM	2:34 PM	0:03	0:20	1:20
Break		2:37 PM	2:57 PM		0:20	
D. Modulators, isolators and photodetectors	David Reitze					
1. Measurements of LiNbO3 phase modulators	David Reitze	2:57 PM	3:17 PM	0:03	0:20	
2. Measurements of optical isolators	Efim Khazanov	3:20 PM	3:40 PM	0:03	0:20	
3. Adaptive core optic control	Peter Fritschel	3:43 PM	4:03 PM	0:03	0:20	1:00
Saturday 6 March 1999						
	Speaker	Start	Stop	Q&A	ET	
E. Thermal engineering and modeling	Hiroaki Yamamoto					
1. Thermal modeling using Matlab	Ray Beausoleil	9:00 AM	9:25 AM	0:05	0:25	
2. Thermal effects and the LIGO end to end model	Hiroaki Yamamoto	9:30 AM	9:55 AM	0:05	0:25	
3. Wavefront sensing	Justin Mansell	10:00 AM	10:25 AM	0:05	0:25	
4. Status of contamination measurements	Jordan Camp	10:30 AM	10:55 AM	0:05	0:25	
5. Preview of the modeling workshop	Guido Mueller	11:00 AM	11:25 AM	0:05	0:25	2:05
F. Planning for the next LSC Meeting		11:30 AM	12:00 PM		0:30	