LSST Workshop Agenda
November 5—6, 2001

Steward Observatory Conference Room N305 (3rd Floor)

Monday, November 5, 2001

8:30—9 a.m.		**CONTINENTAL BREAKFAST**	Conf. Rm. N305

Introductions and Purpose

9—9:30 a.m.	●	Goals of concept design phase/strategy for establishing science requirements and data management plan; planned organization structure	*S. Wolff/P. Strittmatter*
9:30—9:45 a.m.	●	Science programs with the LSST	*T. Tyson*
9:45—10 a.m.	●	Performance requirements for the LSST, instrument, etc.	*D. Zaritsky*
10—10:15 a.m.	●	Discussion	
10:15—10:30 a.m.		**BREAK**	

Detectors

10:30—10:45 a.m.	●	Overview: Detector Requirements	*B. Starr*
10:45—11 a.m.	●	CCDs	*M. Lesser*
11—11:15 a.m.	●	Orthogonal transfer devices	*B. Burke*
11:15—11:30 a.m.	●	C-MOS	*L. Koszlowski*
11:30—12 Noon	●	Discussion	
12 NOON		**LUNCH**	Conf. Rm. N305

Optical Design and Metrology

1—1:10 p.m.	●	DMT baseline optical design and variants	*R. Sarlot/J. Burge/R. Angel*
1:10—1:25 p.m.	●	Experience polishing and testing the 1.7-m MMT secondary	*B. Smith*
1:25—1:40 p.m.	●	Baseline for 8.4-m primary and 3.5-m secondary manufacture	*S. Miller/R. Angel*
1:40—1:55 p.m.	●	Support and test alternatives for secondary metrology	*J. Burge*
1:55—2:25 p.m.	●	Optical Design & Secondary Testing	*K. Cook, et al.*
2:25—2:55 p.m.	●	Discussion	
2:55—3:15 p.m.		**BREAK**	

In situ telescope wavefront and alignment strategies

3:15—3:30 p.m.	●	Wavefront/alignment	*J. Burge/R. Angel*
3:30—3:45 p.m.	●	Wavefront/alignment	*C. Claver*
3:45—4 p.m.	●	Discussion	

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Mechanical Design

4—4:25 p.m.	• Telescope mechanical design concept • Enclosure and mirror handling design	*W. Davison*
4:25—5 p.m.	• Discussion	

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7:45—8 a.m.	**CONTINENTAL BREAKFAST**	Conf. Rm. N305

Instrument Concept

8—8:15 a.m.	• Science Drivers and Instrument, Electronics, etc.	*T. Tyson*
8:15—8:30 a.m.	• Discussion	

Data Management Considerations

8:30—8:45 a.m.	• Interaction between data management and telescope design; lessons learned from SLOAN	*T. Tyson/C. Stoughton*
8:45—9 a.m.	• Lessons learned from MACHO	*K. Cook*
9—9:20 a.m.	• Discussion	

Other Issues

9:20—9:50 a.m.	• Open discussion: other project elements that will need design (Instrument concept/instrument rotator/control system/site selection, baffles/ADC/correctors/etc.)	
9:50—10:05 a.m.	**BREAK**	

Planning for Conceptual Design Phase

10:05—10:30 a.m.	• Discussion: Issues for science working groups (areas where science requirements could drive costs/risk/schedule)	
10:30—11:30 a.m.	• Discussion: priorities for engineering investment; what can we adopt from other projects; resources required for concept design phase; resources available	
11:30—12 Noon	• Plan for concept design phase; SPIE meeting	
12 Noon	**LUNCH**	Conf. Rm. N305