

Role of Optics Chair - Formal

- Run Monthly Telecons, including Australian Call; Send Notes
- Chair Optics Sessions at Collaboration Meetings
 - Record keeping, chose plenary/parallel talks, plan special sessions (charging), recruit speakers, coordinate with other chairs, maintain wiki
- Compile and Write Optics Sections of Hardware White Paper
 - Assign authors, act as editor, contribute to priority matrix
- MOU Review Committee, in Room as all MOUs Discussed
- Advise Potential New LSC Groups with Optics Interests
 - New Stanford faculty member, University of Washington
- Help for Grant Applications
 - Letters of support
- Member of LSC Advanced Detector Committee
 - ???

- Conduit for Feedback on LSC Issues
 - Suggestions for LVC meeting schedules
 - Poll, poster session, less time on data analysis plenaries
 - On LVC meeting planning mailing list
- Review (More) Optics Papers
 - Both internal to LSC and external for journals
 - Advise on other appropriate reviewers
- Work with New Groups on Research Plans
 - Both new PIs and groups new to collaboration
- Gingin Advisory Board Interim Chair
 - Find new chair, recruited new members
- Recommendation Letters
 - Students, tenure, etc



Role of Optics Chair – Synergies I

- Advanced LIGO Coating and Charging Cognizant Scientist
 - Help coordinate LSC research with Advanced LIGO needs
- Chair of LIGO (Lab) Conference Committee
 - LSC Publications and Presentations mailing list
 - Help identify speaking opportunities, important conferences
- Member of LASTI Team – MIT Group Meetings
 - Tests of First Contact, ergo arm, cleanliness, silicate bonding, etc.
- Helped form TNI Technical Advisory Board, now Chair
 - Coordinate coating research and measurements
- Member of Stochastic Review Committee
 - Promote hardware interests

Role of Optics Chair – Synergies II

- Design Reviews for Advanced LIGO; Chair and Member
 - Input Optics, Suspension connections to Optics, Earthquake Stops
- Thesis (PhD and Ugrad Honors) Reviews
- LIGO Lab NSF Grant Reviews (Balance of Lab and LSC roles)
 - Look for opportunities in research plans; promote LSC optics research
- Workshops – Original and GWADW
 - Coating Modeling, Charging, Coatings in Precision Measurements, Thermal Noise with Virgo
- Book on Coatings in Precision Measurement
- Wrote LSC Integrity Statement