**L1500052-v3**

|  |
| --- |
| Program 4/28Sunday PM May 17 |
| 7:00 | Registration and Reception |
| Monday AM: Setting the Stage |
| May 18 | Chair: |
| 8:20 | S. Meshkov (Caltech) Welcome |
| 8:30 | N. Mavalvala (MIT) Setting the Stage |
| 8:50 | Discussion |
| Monday AM: Network Status of Advanced Detectors, Simulations |
| May 18 |  |
| 8:55 | D. Sigg (LHO) Overview: Lessons learned from commissioning of Advanced Detectors, remaining problems |
| 9:25 | Discussion |
| 9:35 | H. Yamamoto (Caltech), G. Vajente (Caltech) Simulation Tools and What is Missing |
| 10:05 | Discussion |
| 10:15 | Break |
| Monday AM: Workshop Goals I |
| May 18 | Chair: |
| 10:45 | Thermal Noise and Materials, Coatings, Optics, CryogenicsI. Martin (Glasgow), M. Punturo (Perugia), K. Yamamoto (ICRR) |
| 11:10 | Discussion |
| 11:20 | Topologies and SqueezingL. Barsotti (MIT), H. Grote (AEI) |
| 11:45 | Discussion |
| 11:55 | ControlsD. Coyne (Caltech), F. Matichard (MIT) |
| 12:20 | Discussion |
| 12:30 | Lunch |
| Monday PM: Workshop Goals II |
| 3:30 | Gravity Gradients and Low FrequencyJ. Harms (INFN Pisa), V. Mandic (Minnesota) |
| 3:55 | Discussion |
| Monday PM: Enhanced Interferometers: Near Term (<5 years) |
| May 18 | Conveners: R. Adhikari (Caltech), S. Hild (Glasgow) |
| 4:05 | TBA |
| 5:35 | Break |
| 6:55 | TBA |
| 7:05 | Adjourn |
| Tuesday AM Workshop MeetingsMay 19 |
| 9:00 - 10:30 | Workshop meetings |
| 10:30 | Break |
| 11:00 - 12:30 | Workshop meetings |
| [Thermal Noise Workshop Agenda](https://dcc.ligo.org/public/0118/L1500052/003/Thermal-workshop-agenda-2015-04-17.pdf)[Low Frequency Workshop Program](https://dcc.ligo.org/public/0118/L1500052/003/LowFrequencyWorkshopProgram-2015-04-24.pdf), [Topologies and Squeezing Agenda](https://dcc.ligo.org/public/0118/L1500052/003/Topologies%20and%20Squeezing%20Agenda.pdf)[Controls Agenda](https://dcc.ligo.org/public/0118/L1500052/003/Controls%20Agenda.pdf)Tuesday PM Workshop MeetingsMay 19 |
| 4:00 - 6:00 | Workshop meetings |
| 6:00 - 8:00 | Posters and reception |
| Wednesday AM Workshop MeetingsMay 20 |
| 9:00 - 10:30 | Workshop meeting |
| 10:30 - 11:00 | Break |
| 11:00 - 12:30 | More Posters Session |
| Wednesday PM Workshop MeetingsMay 20 |
| 4:00 - 5:30 | Workshop meeting |
| 5:30 - 6:00 | Break |
| 6:00 - 7:00 | Workshop meeting |
|  |
|  Thursday AM Revisiting the Roadmap |
| May 21 | Convenor: D. Reitze |
| 9:00 - 10:30 | TBA |
| 9:00 - 10:30 | Break |
| Thursday AM Workshop Summaries I |
| May 21 | Chair: |
| 11:00 | Controls |
| 12:00 | Discussion |
| 12:00 | Adjourn |
| Thursday PM Workshop Summaries II |
| May 22 | Chair: A. Lazzarini (Caltech) |
| 3:30 | Topologies and Squeezing |
| 4:30 | Discussion |
| 5:00 | Break |
| 5:30 | Thermal Noise and Materials, Coatings, Optics, Cryogenics |
| 6:30 | Discussion |
| 7:00 | Adjourn |
| 7:30 | Banquet |
| Friday AM Future Detectors long Term ( >5 years) |
| May 22 | Conveners: M. Evans (MIT), H. Lueck (Hannover, Max Planck) |
| 9:00 | Future Facilities: Requirements, Realistic expectations, Engineering challenges, Tradeoffs between above/underground, length, location  |
| 10:30 | Break |
| 11:00 | TBA |
| 12:00 | Discussion |
| 12:30 | Lunch |
| Friday PM Workshop Summaries III |
| May 22 | Chair:  |
| 4:00 | Gravity Gradients and Low Frequency |
| 5:00 | Discussion |
| 5:30 | Break |
| Friday PM Plans for 2016 |
| May 22 | Conveners: F. Fidecaro (Pisa), S. Meshkov (Caltech) |
| 6:00 | Plans for 2016F. Fidecaro (Pisa), S. Meshkov (Caltech) |
| 6:30 | SummaryS. Rowan (Glasgow) |
| 6:30 | Adjourn |