

Program 4/28

Sunday 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, Cryogenics

I. Martin (Glasgow), M. Punturo (Perugia), K. Yamamoto (ICRR)

11:10 Discussion

11:20 Topologies and Squeezing

L. Barsotti (MIT), H. Grote (AEI)

11:45 Discussion

11:55 Controls

D. Coyne (Caltech), F. Matichard (MIT)

12:20 Discussion

12:30 Lunch

Monday PM: Workshop Goals II

3:30 Gravity Gradients and Low Frequency

J. 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 Meetings

May 19

9:00 - 10:30    Workshop meetings

10:30          Break

11:00 - 12:30   Workshop meetings

[Thermal Noise Workshop Agenda](#)

[Low Frequency Workshop Program](#),

[Topologies and Squeezing Agenda](#)

[Controls Agenda](#)

Tuesday PM Workshop Meetings

May 19

4:00 - 6:00    Workshop meetings

6:00 - 8:00    Posters and reception

Wednesday AM Workshop Meetings

May 20

9:00 - 10:30    Workshop meeting

10:30 - 11:00   Break

11:00 - 12:30   More Posters Session

Wednesday PM Workshop Meetings

May 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 21 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 2016

F. Fidecaro (Pisa), S. Meshkov (Caltech)

6:30          Summary

S. Rowan (Glasgow)

6:30          Adjourn