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**LCLS-II Facility Advisory Committee Meeting**

March 6-7, 2018

**Tuesday, March 6th  Location: Kavli Auditorium (051)**

***Time Topic Presenter***

8:00 Executive Session Committee

8:15 LCLS-II Project Status J. Galayda

8:45 Installation planning R. Boyce

***9:15 Break***

10:00 Breakout Sessions ***Convener***

 Breakout 1: Cryomodules A. Burrill

 Breakout 2: Cryoplant E. Fauve

 Breakout 3: Photon Systems M. Rowen

***12:30 Lunch (Kavli Auditorium Lobby, Bldg 51)***

1:30 Breakout Sessions (cont)

***3:30 Break***

4:00 Breakout Sessions (cont)

5:00 Executive Session Committee

6:00 Evening Reception at SLAC Committee/Speakers - tbd

**Wednesday, March 7th**

***Time Topic***

8:00 Breakout Sessions (cont)

***12:00 Lunch (Kavli Auditorium Lobby, Bldg 51)***

1:00 Executive Session Committee

4:00 Closeout **Kavli Auditorium (051)**

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**Breakout Session 1 – Cryomodules Convener: A. Burrill**

**Tuesday, March 6th**

***Time Topic Presenter*** ***Location***

10:00 Cryomodule Overview A. Burrill **Tulare (053-4006)**

10:30 JLab Cavity and CM Overview E. Daly

11:00 FNAL Cavity and CM Overview C. Ginsburg

11:30 Cavity Vendor Performance and Schedule A. Palczewski

12:00 JLab CM Testing – Fast Cooldown update M. Drury

***12:30 Lunch (Kavli Auditorium Lobby, Bldg 51)***

1:30 FNAL CM Testing E. Harms

2:00 CM Cool Down Studies and Recommendations G. Wu

2:30 Microphonics J. Holzbauer

***3:00 Break***

***Joint Session w/ Cryoplant* Truckee (052-206)**

*3:30* JT Valve changes J. Kaluzny

4:00 Linac Cooldown Study T. Peterson

4:30 Linac Heat Load estimate D. Gonnella

5:00 Executive Session (Kavli Auditorium)

**Wednesday, March 7th** **Tulare (053-4006)**

8:00 LERF – A third CM test stand K. Jordan

8:30 CM Assembly & Cleanroom audit results JLab B. Legg

9:00 CM Assembly & Cleanroom audit results FNAL T. Arkan

9:30 Beam Position Monitor C. Ginsburg

***10:15******Break***

10:30 3.9 GHz CM Design Verification Status S. Aderhold

11:00 3.9 GHz Coupler Design and testing N. Solyak

11:30 3.9 GHz Tuner study Y. Pischalnikov

***12:00 Lunch***

1:00 Executive Session

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**Breakout Session 2 – CRYO-PLANT Convener: E. Fauve**

**Tuesday, March 6th**

***Time Topic Presenter*** ***Location***

10:00 Introduction E. Fauve **Truckee (052-206)**

10:30 Cryo-Distribution Status and Look-Ahead A. Klebaner

11:00 Cryo-Distribution Installation V. Heloin

11:30 Cryo-Plant Status and Look-Ahead J. Hogan

12:00 Cryo-Plant Installation Procurement J. Sevilla

***12:30 Lunch (Kavli Auditorium Lobby, Bldg 51)***

1:30 Cryo-Plant Installation Plan V. Heloin

2:00 Cryo-Plant Receiving, Rigging and Logistics D. Pfluekhahn

2:30 BIO Approvals and Codes Compliances S. Kaminski

***3:00 Break***

***Joint Session:* Truckee (052-206)**

3:30 JT Valve changes J. Kaluzny (joint session with CM)

4:00 Linac Cooldown Study T. Peterson (joint session with CM)

4:30 Linac Heat Load estimate D. Gonnella (joint session with CM)

***5:00 Executive Session***

**Wednesday, March 7th**

8:30 Cryogenic System Capacity and Margin V. Ravindranath **Toluca (053-4002)**

9:00 Cryogenic System Control D. Fairley

9:30 Cryo-Plant Commissioning R. Bhattacharya

***10:00 Break***

10:30 Cryo-Plant Spare Parts & Tools J. Hogan

11:00 Cryo-Plant Operation J. Pucci

11:30 Q&A

***12:00 Lunch***

***1:00 Executive Session***

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**Breakout Session 3 – Photon Systems Convener: M. Rowen**

**Tuesday, March 6th**

***Time Topic Presenter*** ***Location***

**Sonoma (041-2162)**

10:00 Photon Systems Overview M. Rowen

10:30 HGVPU Temperature Stability Issues M. Leitner

11:30 Environmental Testing & Results D. Arbelaez

***12:30 Lunch (Kavli Auditorium Lobby, Bldg 51)***

1:30 Corrective Design Options A. DeMello

2:30 Schedule for Corrective Actions M. Leitner

3:10 Vender Implications D. Munson

***3:30 Break***

4:00 HGVPU Tuning and Installation D. Martinez-Galarce

4:30 Discussion HGVPU Issues All

5:00 Executive Session (Kavli Auditorium)

**Wednesday, March 7th** **Kavli 3rd Floor (051)**

8:00 Undulator System Status & Installation D. Bruch

8:45 SXR Tuning & Calibration Z. Wolf

9:15 XTES Status & L2SI interfaces E. Ortiz

***10:00******Break***

10:30 XTES Installation X. Permanyer

11:00 General Discussion All

***12:00 Lunch***

1:00 Executive Session (Kavli Auditorium)