

**MOLLER Independent Project Review**

**October 13-15, 2020**

**Tuesday, October 13 – Remote Meeting (Bluejeans)**

11:00am Executive Session for Review Committee (Committee, ONP, TJSO)

11:30am Welcome from JLab Management (Stuart Henderson, Bob McKeown, Allison Lung)

11:40am Review of Agenda (Jim)

11:45pm Project Overview James Fast

12:20am MOLLER Science Program Krishna Kumar

1:05pm Cost and Schedule James Fast

1:30pm Executive Session and Working Lunch Break

2:30pm Risk Management and Analysis Jessie Butler

2:50pm Target – Scope, Schedule and Budget Silviu Covrig Dusa

3:10pm Spectrometer – Scope, Schedule and Budget Ruben Fair

3:30pm Detectors – Scope, Schedule and Budget Carl Zorn

3:50pm Infrastructure – Scope, Schedule and Budget Javier Gomez

4:10pm DAQ/Trigger – Scope, Schedule and Budget Bob Michaels

4:30pm Break

4:50pm Systems Engineering and Interfaces Robin Wines

5:10pm Project Dependencies – JLab Perspective Rolf Ent

5:30pm Executive Session for Review Committee

6:30pm Adjourn

**Wednesday, October 14**

10:30am Response to homework (as needed)

11:00am Executive Session for Review Committee (Committee, ONP, TJSO)

11:30am Breakout Sessions (technical focus, ~15+5 min presentations + Q&A time)

SC-1 Management (Jim Fast, Jessie Butler, Robin Wines)

 JLab Project Management Office and EVMS System (Kelly Krug, JLab)

 MOLLER Cost and Schedule Development (Phil Kessler, JLab)

 MOLLER ES&H (Ed Folts, JLab)

SC-2 Target and Spectrometer (Silviu Covrig Dusa, Ruben Fair)

 Liquid Hydrogen and Solid Targets (Silviu Covrig Dusa, JLab)

 Spectrometer Physics Design (Julliette Mammei, U. Manitoba)

 Magnet, Collimator and Beampipe Engineering (David Kashy, JLab)

 Downstream Coil Prototype (Ernie Ihloff, MIT-Bates)

SC-3 Detectors, DAQ and Infrastructure (Carl Zorn, Bob Michaels, Javier Gomez)

 Integrating Detectors (Michael Gericke, U. Manitoba)

 Tracking Detectors (David Armstrong, William and Mary)

 Trigger and Data Acquisition (Paul King, Ohio University)

 Shielding (Ciprian Gal, Stony Brook)

1:30pm Executive Session and Working Lunch Break

2:30pm CAM interview and Cost Book drill downs (full committee, ~15 minutes each)

 WBS 1.01 Project Integration and Support (Jim Fast)

 WBS 1.02 Project Integration and Support (Silviu Covrig Dusa)

 WBS 1.03 Project Integration and Support (Ruben Fair)

 WBS 1.04 and 1.05 Detector Systems (Carl Zorn)

 WBS 1.06 Project Integration and Support (Javier Gomez)

 WBS 1.07 Project Integration and Support (Bob Michaels)

4:00pm Executive Session for Review Committee

6:00pm Adjourn

**Thursday, October 15**

10:30am Response to homework (as needed)

11:00am Executive Session – Report Writing

1:00pm Executive Session and Working Lunch Break

2:30pm Executive Session – Group Review of Charge Questions and Recommendations

3:30pm Executive Session – Continue Report Writting

4:30pm Executive Session – Final Discussions and Page Turn

5:00pm Review Closeout with Lab Management and Project Team

6:00pm Adjourn