

MOLLER Collaboration Meeting Agenda – May 2023 Collaboration Meeting

Friday May 5, F113

Moderator: Devi Adhikari

9:00 – 9:10: Introduction

Krishna Kumar

9:10 – 9:30: Technical Update

Kent Paschke

9:30 – 9:55: Project Update

Jim Fast

9:55 – 10:20: Target Update

Silviu Covrig

10:20 – 10:45: Coffee Break

10:45 – 11:00: Lab management update

Thia Keppel

11:00 – 11:20: Engineering/infrastructure update

Ciprian Gal

11:20 – 11:50: DAQ Update

Paul King

11:50 – 12:10: Installation Update

Vladimir Berdnikov

12:10 – 1:45: Lunch

Moderator: Caryn Palatchi

1:45 – 2:05: Spectrometer: Physics Overview

Juliette Mammei

2:05 – 2:15: Spectrometer: Project Overview

Mike Dion

2:15 – 2:25: Discussion

2:25 – 2:35: Upstream Torus

Ernie Ihloff

2:35 – 2:45: Sieve/Blocker/Coll ½

Jason Bessuille

2:45 – 3:05: Downstream Overview

Dave Kashy

3:05 – 3:15: Position measurements/DS enclosure

Sandesh Gopinath

3:15 – 3:25: Beamline/bellows

Eric Sun

3:25 – 3:35: Magnet Power Supply and I&C

Dave Kashy

3:35 – 3:45: Discussion

3:45 – 4:00: Coffee Break

4:00 - 4:20: Detector Tiling and Deconvolution

Zuhal Demiroglu

4:20 - 4:40: Radiation dose in spectrometer coils

Sakib Rahman

4:40 - 4:55: Ferrous materials update

Eric King

4:55 - 5:05: Beamline Backgrounds

Kent Paschke

5:05 - 5:20: Collar 1 optimization

Ryan Richards

5:20 - 5:35: Beamline Backgrounds

Prakash Gautum

5:35 – 6:00: Institutional Board Meeting

F113 plus Zoom, Jim Napolitano

Saturday May 6, F113

Moderator: Juliette Mammei

9:00 – 9:15: Sieve Design – Optics	Vassu Doomra
9:15 – 9:25: Sieve Design – B-Field Verification	Kate Evans
9:25 – 9:40: GEMs (UVa)	Bhasitha Dharmasena
9:40 – 9:55: GEMs (SBU)	Klaus Dehmelt
9:55 – 10:05: GEM Rotator	Chandika Annasiwatta
10:05 – 10:15: Trigger Scintillator	Rakitha Beminiwattha
10:15 – 10:30: Pion Detectors	David Armstrong

10:30 – 10:45: Coffee Break

10:45 – 11:00: LBNL digital BCM receiver update	Yury Kolomensky
11:00 – 11:15: Update on Beam Monitoring	Ciprian Gal
11:15 – 11:30: PQB Update	Caryn Palatchi
11:30 – 11:45: Compton Polarimeter Update	Dave Gaskell
11:45 – 11:55: HVMAP Compton Electron Detector Update	Michael Gericke
11:55 – 12:05: Diamond microstrip detectors	Jim Fast
12:05 – 12:20: Møller Polarimeter Update	Eric King

12:20 – 1:45: Lunch

Moderator: Ciprian Gal

1:45 – 2:00: Main Detector/CFI overview	Michael Gericke
2:00 – 2:15: Main Detector design details and Nov./Dec. beam test results	Brynne Blaikie
2:15 – 2:30: Ring 6 beam test and cosmic results	Sayak Chatterjee
2:30 – 2:40: Main Detector cooling and air flushing	Laheji Mohammad (remote)
2:40 – 3:20: Shower-Max Status, detector logistics, radiation tests	Dustin McNulty

3:20 – 3:35: Coffee Break

3:35 – 3:55: SBM/Scanner	Devi Adhkari
3:55 – 4:10: Main Detector front-end electronics and power	Jie Pan (remote)
4:10 – 4:25: Main Detector Mounting structure	Larry Bartoszek (remote)
4:25 – 4:35: Ring5 HVMAPS overview and status	Michael Gericke
4:35 – 4:45: Ring5 HVMAPS structure and cooling	Kristofer Isaak (remote)

4:45 – 5:00: IB Update	Jim Napolitano
5:00 – 5:15: Analysis Software Planning	Paul King and Kent Paschke
5:15 – 5:30: Wrap-up discussion	led by Krishna Kumar