

MOLLER Collaboration Meeting Agenda – May 2024 Collaboration Meeting
Monday May 20, F113

Morning Moderator: Juliette Mammei

Overviews Session

8:30 – 8:45: Introduction	Krishna Kumar
8:45 – 9:00: “Around the room” introductions	all
9:00 – 9:30: Project Update	Ruben Fair
9:30 – 9:45: JLab Management Perspective	Stuart Henderson/David Dean
9:45 – 10:05: Technical Update	Kent Paschke
10:05 – 10:15: Discussion Period for Morning Talks	
10:15 – 10:35: Coffee Break	
10:35 – 11:00: Target Update	Silviu Covrig
11:00 – 11:20: Engineering/infrastructure update	Ciprian Gal
11:20 – 11:40: Installation Update	Vladimir Berdnikov
11:40 – 12:00: Discussion period for after-coffee-break talks	

12:00 – 1:30: Lunch

Moderator: Prakash Gautam

Spectrometer Session

1:45 – 2:00: Spectrometer: Physics Overview	Juliette Mammei
2:00 – 2:15: Spectrometer: Project (Management) Overview	Mike Dion
2:15 – 2:35: Downstream Toroid	Dave Kashy
2:35 – 2:45: Downstream Enclosure	Sandesh Gopinath
2:45 – 3:00: Upstream Toroid	Ernie Ihloff
3:00 – 3:10: Coffee Break	
3:10 – 3:25: Magnet Power Supplies, Cooling and Controls	Probir Ghoshal
3:25 – 3:45: Beampipes and Windows	Eric Sun
3:45 – 4:05: Spectrometer Assembly	Joe Lamont
4:05 – 4:15: Discussion period for spectrometer talks	

Moderator: Kent Paschke

Simulation Session

4:15 – 4:35: Hyperon Production and Pion Background (15+5)	Andrew Hurley (remote)
4:35 – 4:55: Ring 1 Optimization, Tile Rates with Overlaps, Rate Variations, Deconvolution Update (17+3)	Zuhal Demiroglu
4:55 – 5:15: Ferrous Studies Update (15+5)	Eric King
5:15 – 5:25: FLUKA Activation Studies; Current Capabilities, Target Area Activation, Beam Dump Activation (8+2)	Jhih-Ying Su
5:25 – 5:35: Background Survey (8 + 2)	Prakash Gautam
5:35 – 5:50: Discussion period (for any of the Simulation Session talks)	

Tuesday May 21, F113

Morning moderator: Sayak Chatterjee

Tracking Session

9:00 – 9:20: UVa GEMs Asar Ahmed
9:20 – 9:40: SBU GEMs Jaydeep Datta
9:40 – 9:55: GEM Rotator Chandika Annasiwatta
9:55 – 10:10: Trigger Scintillator Rakitha Beminwattha
10:10 – 10:20: Pion Detector David Armstrong
10:20 – 10:40: Coffee Break
10:40 – 11:00: Optics Reconstruction Vassu Doomra
11:00 – 11:15: Discussion of the Tracking Session Talks

Integrating Detector Session

11:15 - 11:30 CFI project status and construction plans Michael Gericke
11:30 - 12:00 Final detector design and assembly process Kristofer Isaak
12:00 - 12:15 Final ring 5 design (including HVMAPS housing and cooling) Kristofer Isaak

12:15 – 13:45: Lunch

Afternoon moderator: Devi Adhikari

Integrating Detector Session, continued

13:45 - 14:00 Integration mode front-end electronics final designs (main det. + aux. det.) Jie Pan (remote)
14:00 – 14:10 Integration mode front-end PMT linearity measurements Anuradha Gunawardhana (remote)
14:10 - 14:25 ADC board updates and testing status Brynne Blaikie
14:25 - 14:40 R5 HVAMPS bonding and assembly prep status and plans Nafis Niloy
14:40 - 15:05 Main detector final beam test results and cosmic test setup Sayak Chatterjee/Jon Mott
15:05 - 15:30 Shower max simulations and test beam results Sudip Bhattarai
15:30 – 15:45: Coffee break

15:45 - 16:05 Shower-max construction update and radiation hardness testing results Dustin McNulty

16:05 - 16:25 SBM/Scanner Update Daniel Valmassei
16:25 - 16:45 Main detector mounting structure update Larry Bartoszek

DAQ Session

16:45 – 17:15: DAQ overview Paul King
17:15 – 17:30: W&M DAQ setup (TBD)

Collaboration Social Event: 6:30 PM, Tradition Brewing Company, 700 Thimble Shoals Blvd.

Wednesday May 22, Auditorium

Moderator: Zuhel Demiroglu

9:00 – 9:15 (Time TBC): Physics Division Perspective	Thia Keppel
9:15 – 9:25: IB Update	Jim Napolitano
9:25 – 9:30: EB Update	Mark Pitt
9:30 – 9:35: TB Update	Kent Paschke
9:35 – 10:00: PQB Update (20 + 5)	Caryn Palatchi
10:00 – 10:20: Beam monitors (15 + 5)	Devi Adhikari
10:20 – 10:40: Coffee Break	
10:40 – 11:00: Compton Polarimeter Update (15+5)	David Gaskell
11:00 – 11:25: Møller Polarimeter Update (20+5)	Don Jones
11:25 – 11:45: Analysis Code Planning (15+5)	Paul King
11:45 – 12:10: Detailed Commissioning Planning (20+5)	KK/Kent Paschke
12:10 – 12:30: Wrap-up Discussion	