



# Mu2e-II Workshop at Northwestern University

## Wednesday, 29 August 2018

### Working Sessions 1: Extinction Monitor - L158 (14:00 - 16:00)

-Conveners: Andrei Gaponenko

time	[id] title	presenter
14:00	ExtMon connection info	
14:01	[45] Introduction	Dr GAPONENKO, Andrei
14:11	[55] Measuring extinction at PIP2IT	Prof. CAMPBELL, Myron
14:41	[63] Laser system for PIP2IT measurement	Prof. TECCHIO, Monica
15:01	[56] Thoughts on Mu2e-II extinction measurement	Dr GAPONENKO, Andrei
15:21	[57] Discussion	

### Working Sessions 1: Stopping Target Monitor (STM) - LG66 (14:00 - 16:00)

-Conveners: James Miller; James Miller; Yaqian Wang; Yaqian Wang

time	[id] title	presenter
14:00	[54] ZOOM:424 945 7987	
14:05	[51] The STM detectors Housing and Electronic Housing Design	Prof. KOLTICK, David
14:45	[52] Discussions	

### Working Sessions 1: Solenoids - M177 (14:00 - 16:00)

-Conveners: Karie Badgley; Andy Hocker

time	[id] title	presenter
14:00	[43] Introduction	Dr HOCKER, Andy
14:20	[44] Mu2e-II PS conductor	Dr KASHIKHIN, Vadim
14:40	[46] Proton beamline and TS (TBC)	Dr ROBERTS, Tom
15:00	[47] Discussion/other talks	

### Working Sessions 1: Trigger & DAQ - M164 (14:00 - 16:00)

-Conveners: Bertrand Echenard; Gianantonio Pezzullo

time	[id] title	presenter
14:10	[34] Introduction	ECHENARD, Bertrand PEZZULLO, Gianantonio
14:20	[36] Mu2e-II DAQ system proposal	Mr RIVERA, Ryan
14:50	[38] Timing considerations	RAKNESS, Greg
15:10	[37] Track/calorimeter CRV ROC	PEZZULLO, Gianantonio
15:30	[39] artdaq developments	Dr KNOEPFEL, Kyle

15:45	[59] Artdaq developments	Mr RIVERA, Ryan
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### **Working Sessions 1: Cosmic Ray Veto - M120 (14:00 - 16:00)**

-Conveners: Kreswell Neely; Craig Group

time	[id] title	presenter
14:00	[19] Introduction	Dr GROUP, Craig NEELY, Kreswell
14:20	[20] Rates at the CRV for Mu2e-II	Dr OKSUZIAN, Yuri
14:40	[21] SiPMs	Prof. BLAZEY, Gerald(Jerry) BLAZEY, Jerry ZUTSHI, Vishnu
15:00	[22] RPCs in high-rate areas for the CRV	XIA, Lei XIA, Lei
15:20	[23] CRV Aging	Dr OKSUZIAN, Yuri

### **Working Sessions 1: Calorimeter - M152 (14:00 - 16:00)**

-Conveners: Ivano Sarra

time	[id] title	presenter
14:00	[27] Introduction & Connection Information	Dr SARRA, Ivano
14:10	[28] Mu2e-II: requirements and considerations	Dr MISCETTI, Stefano
14:30	[29] Development on Yttrium doped BaF crystals for Mu2e-II	Dr ZHU, Ren-yuan
14:50	[30] Progress on a photosensor for the readout of the fast scintillation light component of BaF2	Prof. HITLIN, David
15:10	[31] Temporal response of ultrafast inorganic scintillators to hybrid hard X-ray beam at APS of ANL	Dr ZHU, Ren-yuan

### **Working Sessions 1: Tracker - M128 (14:00 - 16:00)**

-Conveners: Daniel Ambrose; Jason Bono; Jason Bono

time	[id] title	presenter
14:00	[24] Introduction	
14:20	[25] Front-End ASICs	Dr KOLOMENSKY, Yury
14:50	[26] Next-Generation GEM-Micromegas	Dr MISCETTI, stefano