

# Aoki Lab Yamanaka Lab joint year-end meeting 2022

22th Dec. 2022

Program v1.1

Chair	Start	Duration	Online	Name	Group	Grade	Title
	9:30	0:05		Masaharu Aoki	-	-	Opening
A. Sato	9:35	0:15	-	Rina Kugou	Yamanaka	M1	Development of track detection system in test beamlines using HL-LHC ATLAS silicon pixel detector
	9:50	0:15	o	Shion Kuribayashi	Aoki	M1	Reserch and Development of Rangecounter for COMET Phase- $\alpha$
	10:05	0:15	-	Yuto Kawata	Yamanaka	M1	Test pulse input circuit for amplifier of charged particle detector in KOTO experiment
	10:20	0:20	o	Yuta Higashino	Aoki	D1	Momentum calibration for DeeMe experiment
	10:40	0:15	-	Rikuto Arakida	Yamanaka	M1	Setup of the cooling system to be used in the new pixel modules production for the HL-LHC ATLAS experiment
	10:55	0:15	-	-	-	b	Break
K. Coterra	11:10	0:15	-	Hiroyuki Wakabayashi	Aoki	M2	Progress on developing MPPC cooling system
	11:25	0:15	-	Ayumu Kitagawa	Yamanaka	M2	Development of a voltage supply circuit for a Photomultiplier used in the low-mass charged particle detector for the KOTO experiment
	11:40	0:20	o	Ryota Shiraishi	Yamanaka	D2	Evaluation of the charged kaon background with the 2021 data in KOTO
	12:00	0:35	-	Ryoka Sasaki, Souta Satou, Shinya Jonotsuka	Aoki	B4-3	Improving spatial resolution in PET-CT
	12:35	1:00	-	-	-	l	Lunch
K. Ueno	13:35	0:15	-	Keita Ono	Yamanaka	M2	Thin scintillation counter with a new readout method for the KOTO experiment
	13:50	0:20	-	Sun Si Yuan	Aoki	D1	COMET Phase-I CDC Realistic Detector Response
	14:10	0:15	-	Yukiko Fujita	Yamanaka	M2	Development of a defect detection tool for visual inspection in the HL-LHC ATLAS pixel detectors production
	14:25	0:15	-	William Roth	Aoki	VS	Understanding light production and transmission within thin materials
	14:40	0:25	-	Akihiro Ando, Masato Tsukimoto	Yamanaka	B4-2	Search for non-single charge particles in cosmic rays by the Bethe-Bloch formula
	15:05	0:15	-	-	-	b	Break
M. Hirose	15:20	0:15	-	Shusaku Arakuta	Yamanaka	M2	Study of method for tuning and measurement of threshold with prototype ATLAS pixel modules for the HL-LHC
	15:35	0:15	-	Teppei Shibata	Yamanaka	M1	Temperature monitoring system for UCV PMT
	15:50	0:15	-	Masaki Miyataki	Aoki	M2	COMET Phase-I online trigger system
	16:05	0:20	-	Lakmin Wickremasinghe	Yamanaka	D2	Studies on Higgs to charm quark search using the LHC-ATLAS experiment
	16:25	0:05	-	Taku Yamanaka	-	-	Closing