

The 6th International Workshop on Future Tau Charm Facilities, 2024 (FTCF2024-Guangzhou)

Tuesday 19 November 2024

Software/Computing: 1 (09:00 - 10:15)

-Conveners: Xingtao Huang

time	[id] title	presenter
09:00	[54] STCF simulation and digitization	QI, Binbin
09:25	[55] STCF fast simulation framework	QIN, Xiaoshuai
09:50	[57] Status of the SCT Detector simulation software and feasibility studies	MAXIMOV, Dmitry

Software/Computing: 2 (10:45 - 12:00)

-Conveners: Alexey Zhemchugov

time	[id] title	presenter
10:45	[71] dN/dx reconstruction based on ML	ZHAO, Guang
11:10	[59] Semi-Graph Neural Network Approach for Muon Reconstruction In a Next-Generation Neutrino Telescope	MO, Cen
11:35	[74] Dr.Sai for HEP experiment	LI, Ke

Software/Computing: 3 (14:00 - 15:15)

-Conveners: Ke Li

time	[id] title	presenter
14:00	[60] STCF tracker clustering	TANG, Jiajun
14:25	[61] STCF tracking with Hough+GenFit	ZHANG, Jin
14:50	[62] STCF tracking with ACTS	LI, hao

Software/Computing (15:45 - 17:00)

-Conveners: Jin Zhang

time	[id] title	presenter
15:45	[63] Alignment of BESIII tracker	WU, Linghui
16:10	[64] Kink Finder within Belle II Tracking Software	BODROV, Denis
16:35	[65] GNN for BESIII/STCF MDC tracking	JIA, xiaoqian

Wednesday 20 November 2024

Software/Computing: 5 (09:00 - 10:15)

-Conveners: Qi-Dong / Zhou /

time	[id] title	presenter
09:00	[66] STCF RICH reconstruction	HUANG (□), Qingyuan (□□)
09:25	[67] STCF DTOF reconstruction	TIAN, Wenhui
09:50	[68] STCF RICH/DTOF reconstruction with CNN	YAO (□), Zhipeng (□□)

Software/Computing: 6 (10:45 - 12:00)

-Conveners: Teng Li

time	[id] title	presenter
10:45	[52] Reconstruction algorithm for the FARICH-based particle identification system"	ROGOZHIN, Platon
11:10	[75] Belle-II trigger with ML	ZHOU (□), Qi-Dong (□□)
11:35	[76] Progress on the MDC Track Reconstruction for STCF L1 Trigger Pre-Research	ZHOU (□), Zixuan (□□)

Thursday 21 November 2024

Software/Computing: 7 (09:00 - 10:15)

-Conveners: Guang Zhao

time	[id] title	presenter
09:00	[58] STCF core software and analysis tools	LI, Teng
09:25	[69] STCF EMC reconstruction	WANG (□), Bo (□)
09:50	[70] STCF MUD reconstruction	LIU, Yulin

Software/Computing (10:45 - 12:00)

-Conveners: Xiaoshuai Qin

time	[id] title	presenter
10:45	[56] STCF ECAL Fast simulation with GAN	YUJIE, Chai
11:10	[73] STCF global PID with ML	ZHAI, Yuncong
11:35	[72] Machine Learning for Jets (architecture, software in CMS, applications)	LI, Congqiao