

FCC Week 2024

Thursday 13 June 2024

Poster session - Colonial & Italian (18:30 - 20:00)

-Conveners: Frank Zimmermann

time	[id] title	presenter
18:30	[72] Investigation of low gain avalanche detectors exposed to proton fluences beyond $10^{15} \text{ m}^{-2} \text{ cm}^{-2}$ and gamma dose up to 2.2 MGy	SORENSEN, Josef Daniel
18:31	[41] Using Generative AI to Explore the Limits of Jet Tagging	GITE, Nishank Nilesh
18:32	[13] High radiation resistance LGAD designs	Dr MAZZA, Simone Michele
18:33	[42] Exploring the supersymmetry through gauginos with FCC-hh	CHIGUSA, So
18:34	[48] Heavy Neutral Leptons Search in a Realistic Neutrino Oscillation Model at FCC-ee	ZUO, Xunwu
18:35	[46] Exploring New Physics with the Optical Dump at LUXE and Prospects for Future Facilities	SCHULTHESS, Ivo
18:36	[51] The $e^+ e^- \rightarrow Z H$ process in the Standard Model Effective Field Theory beyond Leading Order	ASTERIADIS, Konstantin
18:37	[31] The GeoModel Toolkit for FCC simulation	TSULAIA, Vakho
18:38	[73] Integrated Carbon Fiber Composite Structures for Future HEP Detectors	KARMARKAR, Sushrut Rajendra
18:39	[65] FCC-ee tuning studies with pyAT	MUSA, Elaf
18:40	[70] FCCAnalyses cheatsheet	SMIESKO, Juraj
18:41	[40] End-to-end ML-based reconstruction	KRZMANC, Gregor
18:42	[36] Key4hep cheatsheet	CARCELLER, Juan Miguel
18:43	[33] Autoencoder Style Neural Networks for Estimation and Control with Unknown Time Varying Parameters	WILLIAMS, Alan
18:44	[26] Full simulation of IDEA muon system	ALI, Mahmoud
18:45	[10] A Triplet Track Trigger Case Study for FCC-hh: Enhancing the Measurement of Di-Higgs Production and Higgs Self-Coupling	Ms KAR, Tamasi
18:46	[6] Recent results on dual readout crystal EM calorimetry	NABILI, Sara
18:47	[30] The air-cooling system for the IDEA Vertex Detector at FCC-ee: thermal performance and vibrational effects	Dr BALDINELLI, Giorgio
18:48	[43] Structural Optimization of Future Circular Collider Interaction Region Support Structure	FRANSESINI, Francesco
18:49	[47] Material Budget of the FCC-ee IR	NIGRELLI, Giulia
18:50	[35] A next generation, integrated community toolset for the modeling of colliders	VAY, Jean-Luc
18:51	[34] Operational Considerations for Laser Control of the FCC Bunch Intensity	GESSNER, Spencer
18:52	[23] Enhancing positron sources for future colliders through conical converter targets	VALLIS, Nicolas

18:53	[22] Diagnostics for the FCC-ee positron source test facility at PSI	VALLIS, Nicolas
18:54	[21] Lepton injection and extraction system at FCCee	YUE, Sen
18:55	[247] Input signals for error mitigation by interaction point fast feedback systems for FCC-ee	Mr SALVESEN, John Patrick
18:56	[235] Simulated Performance of FCC-ee IP Tuning Knobs	JAGABATHUNI, Satya Sai
18:57	[52] ALLEGRO detector concept for FCC-ee	FALTOVA, Jana
18:58	[225] Luminosity tuning and optimization	GAWAS, Vaibhavi
18:59	[250] Optimization of FCC circumference for hh	DAMERAU, Heiko
19:00	[62] The Development of Silicon Carbide Low Gain Avalanche Detector	YANG, Tao
19:01	[265] FCC-relevant capabilities and competencies available from ANL	PIOT, Philippe