Symposium University of Tokyo – ETH Zurich – University of Zurich

Monday, October 16, 2023

<u>Poster - Flashtalks</u> - Siemens Auditorium (HIT E 51) (12:00 PM - 12:40 PM)

-**Conveners: Hector Estrada**

time	[id] title	presenter
12:00 PM	[38] Exploring Asian wheat to uncover the genetic basis of disease resistance and drought tolerance	JUNG, Katharina
12:01 PM	[39] Advancement of operation and analysis of timing counter for rare muon decay search	YONEMOTO, Taku
12:02 PM	[40] Dark matter search with XENONnT	WITTWEG, Christian RAMIREZ GARCIA, Diego
12:03 PM	[41] A new generation of near-infrared calcium ion indicators for fluorescence and optoacoustic imaging	CHAI, Fu
12:04 PM	[42] 3D printing of scintillator	LI, Botao
12:05 PM	[43] Status Report on the 14 GHz ECR Ion Source at CNS/UTokyo	KAMAKURA, Keita
12:06 PM	[44] Development of High-Granularity Dual-Readout Calorimetry	OGAWA, Hiroyasu
12:07 PM	[45] Crossing Strategy for Plant Breeding	SAKURAI, Kengo
12:08 PM	[46] SPAD array for high resolution neutrino detectors	FRANKS, Matthew
12:09 PM	[48] Purification system in a large-scale dark matter search experiment XENONnT	KAMINAGA, Yoshino
12:10 PM	[49] muCool: High brightness ultra-cold positive muon beam	PESZKA, Joanna
12:11 PM	[50] Development of GFP-based intracellular l-lactate biosensors and direct observation of l-lactate osciilation	HARIO, Saaya
12:12 PM	[51] Background photon suppression to search for rare muon decay with the highest sensitivity	YAMAMOTO, Kensuke
12:13 PM	[52] Present status of high intensity Fr source development to search for the EDM	FUKASE, Mirai
12:14 PM	[53] Unravelling the genetic architecture of male reproductive traits in Asian bread wheat	HAMAYA , Naoto-Benjamin
12:15 PM	[54] Reconstruction and selection of neutrino interactions in T2K ND280 upgrade	EGUCHI, Aoi ZHAO, Xingyu
12:16 PM	[55] Study on radiation damage of photosensor for liquid xenon detector	UMAKOSHI, Ryusei
12:17 PM	[56] Deep learning in T2K near detector	ALONSO MONSALVE, Saul
12:18 PM	[68] High-harmonic spectroscopy of salts solutions: probing anionic and cationic effects	MONDAL, Angana
12:19 PM	[57] Sensor calibration of liquid xenon gamma-ray detector for rare muon decay search	MATSUSHITA, Ayaka
12:20 PM	[58] Beam emittance measurement and beam trajectory calculation	KOTAKA, Yasuteru
12:21 PM	[59] From LEGEND to Reality: Cracking the Code of Creation	BABICZ, Marta

12:22 PM	[67] Quantum computation of a spin-boson model	NISHI, Takanori
12:23 PM	[60] Current status of development of laser optics for Fr permanent electric dipole moment search	NAKAMURA, Keisuke
12:24 PM	[61] Platform for Optoacoustic screening of Genetically Encoded Calcium Indicators	LIU, Xiang
12:25 PM	[62] UAV measurements of growth and phenology in larch and their genetic dissection	SANO, Haruka
12:26 PM	[63] Development of high granularity scintillator calorimeter for future electron-positron colliders	TAKATSU, Taisei
12:27 PM	[64] Simulation and Optimization of the Active Magnetic Shielding of the n2EDM Experiment	ERMAKOV, Sergey
12:28 PM	[66] Short flashes of X-rays for show bio-molecules dance	BALCIUNAS, Tadas
12:29 PM	[65] UTokyo's Strategic Partnerships Project	HARRIS, Kate
12:30 PM	[71] NFT Wash Trading Detection Leveraging Sequential Transaction Features	YAN, Tao