

35th KATRIN Collaboration Meeting

Tuesday, November 6, 2018

Parallel: A: Hw solutions and performances - Room 206 (2:15 PM - 3:47 PM)

-Conveners: Carsten Röttele

time	[id] title	presenter
2:15 PM	[40] LARA performance during First Tritium	ZELLER, Genrich
2:28 PM	[41] Status of the LKARA software package	SANROCK, Julian
2:41 PM	[42] Funeral speech for the Mercury UV-illumination of the rear wall	SCHLOESSER, Klaus
2:54 PM	[64] Investigation of the gas column density from first tritium	FUCHS, Dominik
3:07 PM	[44] Dissociative and Penning ions from STS	GLÜCK, Ferenc
3:20 PM	[43] Investigation of the FPD energy resolution: From SDS-I through STS-IIIa	KIPPENBROCK, Luke
3:33 PM	[45] HV Ripple Analysis	ENOMOTO, Sanshiro

Parallel: B: Measurements and Analysis I - Room 410 (2:15 PM - 3:46 PM)

-Conveners: Jan Behrens

time	[id] title	presenter
2:15 PM	[46] Influence of high voltage scanning strategy on the energy scale at KATRIN monitorspectrometer	EGNER, Manuel
2:28 PM	[47] Preliminary comparison of energy loss models from STS3a	LOKHOV, Alexei
2:41 PM	[48] Discrepancies in the existing electron energy loss spectrum data	TITOV, Nikita
2:54 PM	[49] Observed exchange reactions	KRASCH, Bennett
3:07 PM	[50] MoBSU measurements of analysis plane magnetic field	BLOCK, Fabian
3:20 PM	[51] Krypton measurements (CKrS)	FEDKEVYTCH, Mariia
3:33 PM	[54] Deconvolution methods and simulation for energy loss	DEBOWSKI, Karol

Parallel: Board Meeting - Room 224 (4:00 PM - 6:30 PM)

Parallel: Discussion time in small self-organized groups (4:00 PM - 6:30 PM)

Wednesday, November 7, 2018

Parallel: C: Analysis II - Room 410 (8:45 AM - 10:30 AM)

-Conveners: Lutz Schimpf

time	[id] title	presenter
8:45 AM	[57] Systematics investigation with covariance matrix approach	SCHLÜTER, Lisa
8:58 AM	[58] Comparison of analysis strategies using first tritium data	KARL, Christian
9:11 AM	[59] First Bayesian analysis of tritium measurements	HA MINH, Martin
9:24 AM	[60] Tritium effective endpoint analysis	GUZMAN, Pablo
9:37 AM	[52] SSC/KaFit revamp progress report	LEVEN, Fabian
9:50 AM	[53] MCMC with Kasper	SIBILLE, Valerian
10:03 AM	[55] Model & Scan comparison for E-loss	LEHNERT, Björn
10:16 AM	[56] Fitter comparison	THORNE, Larisa

Parallel: sterile neutrinos - Room 114 (8:45 AM - 10:30 AM)

-Conveners: Florian Fränkle

time	[id] title	presenter
8:45 AM	[61] TRISTAN measurements at Troitsk with the CEA system: final results	ALTENMÜLLER, Konrad
8:58 AM	[63] Analysis of troitsk data	BRUNST, Tim
9:11 AM	[65] Update on the model for a keV-scale sterile neutrino search with KATRIN	LOKHOV, Alexei SLEZAK, Martin
9:24 AM	[62] Analysis of First tritium data to search for keV-scale sterile neutrinos (2)	HUBER, Anton
9:37 AM	[66] Analysis of First tritium data to search for keV-scale sterile neutrinos (1)	KÖLLENBERGER, Leonard
9:50 AM	[67] Vacuum requirements for Tristan and first insight in DAQ characterisation with the detector emulator from CAEN	DESCHER, Martin
10:03 AM	[68] Characterization of the TRISTAN detector with electrons	SIEGMANN, Daniel
10:16 AM	[69] TRISTAN laboratory at KIT: status and outlook	KORZECZEK, Marc