

Low Radioactivity Techniques 2017

Thursday, May 25, 2017

Session 6: Experiment backgrounds, models, and simulations (1:30 PM - 2:30 PM)

-Conveners: Yeongduk Kim

time	[id] title	presenter
1:30 P	[M9] Status of the SABRE experiment and background characterization	Mr FRANCESCO, Nuti
1:50 P	[M] Simulation and measurement of the suppression of radon induced background in the KATRIN experiment	Dr WOLF, Joachim
2:10 P	[M] A model for Rydberg-atom induced backgrounds resulting from deposition of Rn progeny in the KATRIN Main Spectrometer	Dr HARMS, Fabian

Session 6: Experiment backgrounds, models, and simulations (3:30 PM - 4:30 PM)

-Conveners: Yeongduk Kim

time	[id] title	presenter
3:30 P	[M8] A New Tool for (α ,n) Yield Calculations and Radiogenic Neutron Backgrounds in DEAP-3600	Dr WESTERDALE, Shawn
3:50 P	[M] The Background Model and radio-assays for the LZ experiment	Dr GHAG, Chamkaur
4:10 P	[M3] Performance of upgraded shielding system in CANDLES	Dr NAKAJIMA, Kyohei

Session 6: Session 6 (4:50 PM - 6:10 PM)

-Conveners: Andreas PIEPKE

time	[id] title	presenter
4:50 P	[M] Search for neutrinoless double beta decay with GERDA Phase II	Dr MAJOROVITS, Bela
5:10 P	[M5] Contamination Control and Assay Results for the MAJORANA DEMONSTRATOR Ultra Clean Components	CHRISTOFFERSON, Cabot-Ann
5:30 P	[M2] Background mitigation techniques and projections for the CUORE experiment	Dr BENATO, Giovanni
5:50 P	[M8] Background free double-beta decay investigation with CUPID-0	Dr PATTAVINA, Luca

Friday, May 26, 2017

Session 6: Experiment backgrounds, models, and simulations (9:00 AM - 10:00 AM)

-Conveners: Andreas PIEPKE

time	[id] title	presenter
9:00 AM	[M1] Status of NEWS-G Experiment	Mr DASTGHEIBI FARD, Ali
9:20 AM	[M6] CALDER: cryogenic light detectors for background-free searches	Mr DI DOMIZIO, Sergio
9:40 AM	[M1] The R&D progress of the Jinping Neutrino Experiment	Dr WANG, Zhe