

Tritium Laboratory Karlsruhe – 30 years – 23rd-25th May 2023

Wednesday, May 24, 2023

Poster session: Poster Session - R410 (2:00 PM - 3:30 PM)

[id] title	presenter	board
[9] UKAEA H3AT Facility Overview	LEFEBVRE, Xavier	
[10] UKAEA H3AT Research Overview	LEFEBVRE, Xavier	
[46] KATRIN neutrino mass analysis - Insight into the neural network approach	WIESINGER, Christoph	
[32] Setup and characterization of a confocal Raman imaging microscope built for the measurement of tritiated samples	ZELLER, Genrich	
[30] Simulations for the QTNM project	JONES, Seb	
[7] Measurement of the energy-dependent energy-loss function of electrons in molecular tritium gas	Dr HANNEN, Volker Ms SCHNEIDEWIND, Sonja	
[26] Measuring the viscosity of tritium	WYDRA, Johanna	
[38] The Process of Setting Up Experiments at TLK	KOHPEISS, Joshua	
[42] First Sensitivity Studies on the potential implementation of a high-resolution detector into the KATRIN setup	HEYNS, Svenja	
[36] Preliminary safety assessment of a fusion engineering test facility in accidental conditions	Mr DEGREEF, Gérald	
[41] Development of atomic beam sources, confinement methods and detection techniques for neutrino mass measurements with atomic tritium	Dr FLECK, Markus Dr MONACHELLO, Vincenzo	
[34] eV scale sterile neutrino sensitivity analysis in KATRIN	Ms MOHANTY, Shailaja Mr STRIBL, Xaver	
[24] THE GENERATION AND ANALYSIS OF TRITIUM-SUBSTITUTED METHANE	DIAZ BARRERO, Deseada	
[39] Tritium operation of the Karlsruhe Tritium Neutrino Experiment (KATRIN) at TLK	HILLESHEIMER, David	
[40] ELECTRON - High Resolution Electron Spectroscopy of a Novel Tritium Source, Using Next Generation Metallic Microcalorimeters	KOVAC, Neven	
[43] Studies towards atomic tritium sources for future neutrino mass experiments	HASSELMANN, Leonard	
[33] Investigation of ozone properties for the decontamination of tritiated surfaces	BATZLER, Dominic	
[27] Separation of ortho para hydrogen by cryogenic distillation	KURZ, Daniel	
[15] KATRIN like MINI MAC-E Filter with a tritium source for the advanced physics lab course	UNTEREINER, Sarah	
[44] TRISTAN: A novel detector for searching keV-sterile neutrinos at the KATRIN experiment	URBAN, Korbinian	
[18] In-situ tritium decontamination of the KATRIN Rear Wall	AKER, Max	
[20] Sub-Doppler ro-vibrational spectroscopy on HT	HERMANN, Valentin	
[29] DEMO Coolant Purification Systems: design status, needs and perspective	NARCISI, Vincenzo	

Thursday, May 25, 2023

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