

2023 HZDR Science Conference

Thursday 16 November 2023

Session 5: Chaired by Dr. Sven Kiele - Großer Hörsaal 106 / 255 (10:05 - 11:07)

time	[id] title	presenter
10:05	[45] PITCH: Parametric anti-resonance in aluminum electrolysis cells and liquid metal batteries: a new approach to improve cell stability	Dr HORSTMANN, Gerrit Maik
10:10	[47] PITCH: Fighting against Cancer – Alpha Emitters for Targeted Alpha Therapy	Ms BLEI, Magdalena
10:15	[49] TALK: Rossendorf Beamline at ESRF for Material Science Applications	Prof. KVASHNINA, Kristina
10:30	[48] PITCH: Understanding warm dense matter: from ab initio simulations to experiments	Dr DORNHEIM, Tobias
10:35	[50] PITCH: Membraneless Electrolyzers	Prof. ECKERT, Kerstin
10:40	[51] PITCH: Interpretable preclinical radiomics: Translating predictive power of AI from mice to (hu)man	Dr MICHLIKOVA, Sona
10:45	[46] TALK: Measurements of $^{12}\text{C}(p,\gamma)^{13}\text{N}$ for Nuclear Astrophysics at the Felsenkeller and LUNA Underground Accelerators	Dr BOELTZIG, Axel
10:57	[53] PITCH: A smart sensor network for improved identification of plastics in e-waste recycling streams	Dr FUCHS, Margret
11:02	[54] PITCH: PIConGPU - The Racehorse for Modeling Laser Plasma Accelerators	Dr PAUSCH, Richard