



# 2023 HZDR Science Conference

## Wednesday 15 November 2023

### Session 1: Chaired by Dr. Sandra Hamann - Großer Hörsaal 106 / 255 (13:05 - 14:24)

time	[id] title	presenter
13:05	[4] TALK: Water as a resource	Dr REINECKE, Sebastian Felix
13:17	[5] PITCH: AutoTarget : Autonomous Multi-UAV (Unmanned Aerial Vehicle) for the Characterization of Remote and Isolated Targets	Mr ADONI, Will Hamilton
13:22	[6] TALK: FIB-tailored quantum-matter experiments	Dr HELM, Toni
13:37	[7] PITCH: Optical and magnetic properties of van der Waals Layered CrSBr	Ms LIN, Kaiman
13:42	[8] TALK: ELBE to DALI: In Pursuit of High-Power Radiation for Science	Dr KLOPF, J. Michael
13:54	[9] PITCH: Next-generation radioimmunotherapy for head and neck squamous cell carcinoma (HNSCC) using CAR-T cells combined with photon vs. proton vs. carbon irradiation	Ms DEMIR, Melike
13:59	[11] TALK: Microstructural Characterization of Reactor Pressure Vessel Steels by Electron Microscopy	Dr CHEKHONIN, Paul
14:14	[12] PITCH: Probing the quantum vacuum with high-intensity lasers	Dr EVANS, Stefan
14:19	[13] PITCH: Extended-gate Field-effect transistor (EG-FET) biosensor for quantification of immunotherapeutic agents	Ms CELA, Isli