

AcE-Methods

Monday 20 March 2023

Day 1: Synthesis and Structural Analysis - 114/202 (08:45 - 17:25)

time	[id] title	presenter
08:45	[1] Arrival and coffee / Welcome to the HZDR	STUMPF, Thorsten
09:15	[2] THE ACE PROJECT AND THE METHODS WORKSHOP	HUITTINEN, Nina
09:35	[3] Plenary lecture: Syntheses	DACHEUX, Nicolas
10:20	[4] SYNTHESIS AND CHARACTERIZATION OF URANIUM OXIDE MICROSPHERES FOR TRANSMUTATION TARGETS	COLAK, Gamze
10:40	[5] LAB SCALE SYNTHESIS OF DEFECT-FREE CERAMICS WITH HIGH DENSITY	NIESSEN, Jonas
11:00	Coffee	
11:30	[6] Plenary lecture: DIFFRACTION METHODS AT THE ROSSENDORF BEAMLINE - A TECHNICAL OVERVIEW WITH EXAMPLES	HENNIG, Christoph
12:15	[7] FISSION PRODUCTS SPECIATION IN SPENT NUCLEAR FUEL: SYNTHESIS, CHARACTERIZATION, AND OXIDATION BEHAVIOUR OF MIXED-OXIDE (U,PU)O ₂ SIMFUEL	CAPRANI, Rafael
12:35	[8] DISCOVERY OF ROBUST NUCLEAR MATERIALS USING EXTREME CONDITIONS	SVITLYK, Volodymyr
12:55	Lunch	
14:20	[34] Short note from our sponsors: Dectris	
14:35	[9] PROGRESS TOWARDS THE IMMOBILISATION OF THE UK PLUTONIUM INVENTORY IN TITANATE CERAMICS	BLACKBURN, Lewis
14:55	[10] EVALUATION OF SURROGATE-MODELS FOR THE INCORPORATION OF TETRAVALENT ACTINIDES IN MONAZITE PHASES	LENDER, Theresa
15:15	Coffee and end of day 1	
15:35	[11] AcE project discussion (closed group)	