

UTokyo-Tsinghua Joint Workshop Materials for New Energy System

Nov 25th (Thu), 2021

Place: <https://u-tokyo-ac-jp.zoom.us/j/84575421512?pwd=Y3Rmc3c0c1FkRlVENFZlVUthADArZz09>

Meeting ID: 845 7542 1512

Passcode: 025391

Time JST (CST)	Chair: Zhengcao LI
9:30 – 9:40 (8:30 – 8:40)	Opening Remarks - Naoto SEKIMURA (UTokyo)
9:40 – 10:20 (8:40 – 9:20)	Integration of General and Specialized Education, Science and Engineering: Exploration of Weiyang College of Tsinghua University - Xidong LIANG (Tsinghua)
10:20 – 10:45 (9:20 – 9:45)	Development of Irradiation Methods Using HIT Facility - Dongyue CHEN (UTokyo)
10:45 – 11:10 (9:45 – 10:10)	Introduction of the Shenzhen Innovation Light Source Facility - Zhou ZHOU (Sun Yat-sen U)
11:10 – 11:20 (10:10 – 10:20)	Break
Time JST (CST)	Chair: Guma YELI
11:20 – 11:45 (10:20 – 10:45)	Recent Status and Prospects of CDEX Dark Matter Search at CJPL - Litao YANG (Tsinghua)
11:45 – 12:10 (10:45 – 11:10)	Inhomogeneous Irradiation-induced Hardening in Nuclear Structural Materials - Huilong YANG (UTokyo)
12:10 – 14:00 (11:10 – 13:00)	Lunch Break
Time JST (CST)	Chair: Dongyue CHEN
14:00 – 14:35 (13:00 – 13:35)	Development of Accident Tolerant Fuels - Hiroaki ABE (UTokyo)
14:35 – 15:00 (13:35 – 14:00)	Challenges in Characterization of Nano-precipitates by Atom Probe Tomography (Temporary) - Kenta MURAKAMI (UTokyo)
15:00 – 15:25 (14:00 – 14:25)	Production and Characterization of TRISO Fuel for High Temperature Reactor - Guma YELI (Tsinghua)
15:25 – 15:35 (14:25 – 14:35)	Break

Time JST (CST)	Chair: Kenta MURAKAMI
15:35 – 16:00 (14:35 – 15:00)	Simulation Studies of Components of Nuclear Reactor - Liang CHEN (Shanghai JiaoTong U)
16:00 – 16:25 (15:00 – 15:25)	Irradiation Damage Behavior and Helium Bubbles Evolution Mechanism of Nickel Based Alloy - Shasha LV (Beijing Normal U)
16:25 – 16:40 (15:25 – 15:40)	Weakly Supervised Time Series Analysis for Fault Diagnosis in Nuclear Power Plants - Feiyan DONG (UTokyo)
16:40 – 16:55 (15:40 – 15:55)	Oxidation Experiments and Kinetics Analysis of Nuclear Graphite ET-10 by Gas Analysis and Microstructure Observation - Yumeng ZHAO (Tsinghua)
16:55 – 17:05 (15:55 – 16:05)	Break
Time JST (CST)	Chair: Shasha LV
17:05 – 17:20 (16:05 – 16:20)	Composition and Heat Treatment Adjustment of RAFM Steel for Precipitates Regulating - Xiaojie HUO (Tsinghua)
17:20 – 17:35 (16:20 – 16:35)	The Status of TOF-E Detection System at MALT and Its Proceedings - Li ZHENG (UTokyo)
17:35 – 17:50 (16:35 – 16:50)	Simulation on Irradiation Enhanced Solute Segregation in Fe-Cu System - Ziqin SHEN (Tsinghua)
17:50 – 18:05 (16:50 – 17:05)	Development of Cr-Zry bonding interface by solid-state diffusion - Bo LI (UTokyo)
18:05 – 18:20 (17:05 – 17:20)	Atomic Layer Deposition of Ultra-thin Films for Ce Metal Passivation upon Air Exposure - Tianzuo FU (Tsinghua)
18: 20 – 18:30 (17:20 – 17:30)	Closing Remarks – Zhengcao LI (Tsinghua)