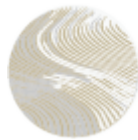


Session Program

Oct 6 - 8, 2025



22nd International Workshop on the Ceramic Breeder Blanket Interactions (CBBI-22)

Synthesis

Kyoto University Uji campus, Kihada Hall (Obaku Plaza)
Kyoto University Uji campus, Gokasho, Uji, Kyoto, 611-0011, Japan

Tue, October 7

3:50 PM

Synthesis

Session |

Location: Kyoto University Uji campus, Kihada Hall (Obaku Plaza), Kyoto University Uji campus, Gokasho, Uji, Kyoto, 611-0011, Japan

15:50 – 16:10

The enhanced sintering and mechanical properties of Li_4SiO_4 by the introduction of a secondary phase

Speaker

Qilai Zhou

16:10 – 16:30

Results from the Continuous Operation of the KALOS Process

Speaker

Oliver Leys

16:30 – 16:50

Chemical stability and mechanical strength change of two-phase mixture sintered compacts of Li_2O and Li_8ZrO_6 under simulated operating conditions for tritium breeding materials

Speaker

Minato Bannai

16:50 – 17:10

Synthesis, Characterization, and Testing of High-Lithium-Density Composite Breeders

Speaker

Michael Moorehead

17:10 – 17:30

Powder Synthesis with Core-shell Structure for Tritium Breeder

Speaker

Young Ah Park

17:30 – 17:50

Enrichment of Lithium-6 using Electrodialysis with Ionic Conductor Membrane

Speaker

Kenji Morita

17:50 – 18:10

Improvement of lithium isotope enrichment ratio and enrichment rate by electrochemical active control of adsorbed ions in intermittent voltage electrodialysis

Speaker

Kiyoto Shin-mura

6:10 PM