

【Track2】 Fuel Material Design & Future Fuel Concepts

Development of Hydration-Resistant Gadolinium-Based Burnable Absorbers by CeO₂ Addition

Hyeongjin Kim

Korea Atomic Energy Research Institute

Interdiffusion behavior between UO₂ and Gd₂O₃ during the Sintering Process

Jae Ho Yang

Korea Atomic Energy Research Institute

Phase and Hydration Analysis of Zr-doped Gd₂O₃ Burnable Absorber

Hyeongju Bae

KAIST

Development and Pre-Irradiation Evaluation of LEU+ and ATF Fuel Pellets

Dong Seok Kim

Korea Atomic Energy Research Institute

Fabrication and Microstructural Characterization of UN-SiC Accident Tolerant Fuel: SPS vs. Conventional Sintering

Jhonathan Rosales

NASA - Marshall Space Flight Center