

【Track7】 TRISO Irradiation & FP Behavior

• Proposal for Optimising the Evaluation of Amoeba Effect in High-Temperature Gas-cooled Reactor Fuel

Masaki Yoshino(Japan Atomic Energy Agency),Yuji Fukaya(Japan Atomic Energy Agency),Kazuhito Asano(Japan Atomic Energy Agency),Nariaki Sakaba(Japan Atomic Energy Agency)

• Matrix-Integrated Aluminosilicate Cs Getter for HTGR Fuel Forms without TRISO Particle Redesign

Koei Sasaki(Japan Atomic Energy Agency),Yusuke Noshi (University of Fukui),Ken-ichi Fukumoto(University of Fukui),Yuji Arita(University of Fukui),Minoru Goto(University of Fukui),Shoichiro Okita(University of Fukui),Daisuke Kawasaki(University of Fukui),Jun Ohashi(IBIDEN CO.,LTD.),Yasuto Sato(IBIDEN CO.,LTD.),Yusei Fukumoto(University of Fukui)

• Kernel Porosity of Irradiated AGR-2 TRISO Fuel

Harvey Ling(Idaho National Laboratory),Ethan J. Hisle(Idaho National Laboratory),Scott Anderson(Idaho National Laboratory),Jennifer H. Stansby(UNSW Sydney, Kensington, NSW, Australia/UNSW Nuclear Innovation Centre, Kensington, NSW, Australia),Edward G. Obbard(UNSW),Tsvetoslav R. Pavlov(Idaho National Laboratory),John D. Stempien(Idaho National Laboratory)

• Molecular Dynamics Simulation of Ag Diffusion in the SiC Coating of TRISO Fuel Particles Based on Machine Learning Potentials

Jiaxuan Liu(Harbin Engineering University),Veli Kartal(Harbin Engineering University),Songyang Liu(HUANENG Nuclear Energy Technology Research Institute),Tian Zhang(Harbin Engineering University)