

NuFuel-MMSNF 2019 Workshop

Tuesday 05 November 2019

Poster flash talks: Chair: L. Capriotti (INL) - WHGA/001 (17:30-18:30)

[id] title	presenter	board
[6] Finite element modeling of fuel behavior based on the MOOSE framework	Mr ZHANG, Xinhui	
[7] Microstructural evolution of Fe-9Cr alloys under 3.5 MeV Fe ¹³⁺ ion irradiation	Mr SHI, Tiantian	
[8] Atomic scale modelling of stoichiometry deviation in amorphous zirconia	MIDDLEBURGH, Simon	
[13] Release of volatile fission products (Xe, Kr, I, Cs) implanted in polycrystalline UO ₂	CHATAIN, Sylvie	
[15] Experimental study of Joint-Oxyde-Gaine (JOG) systems in Fast Neutron Reactors	Dr SMITH, Anna	
[25] Thermodynamic modelling of the U-Pu-Am-O system	Dr GUÉNEAU, Christine	
[55] Advances in phase-field modelling incorporating bulk thermodynamics and interfacial excess quantities	WELLAND, Mike	
[46] Adaptive Kinetic Monte Carlo (AKMC) modelling of radiation defects in mixed oxide (MOX) fuel	FITZGERALD, Kerr	
[36] A new laser heating setup for the measurement of noble gases diffusion in nuclear materials	HORLAIT, Denis	
[39] Sintering behaviours and microstructure analysis of UN-UO ₂ composite fuels prepared by spark plasma sintering	Mr RIBEIRO COSTA, Diogo	
[10] Microstructural investigation of (U,Pu)O _{2-x} fuel by Raman spectroscopy	Dr BERTOLUS, Marjorie MASSON, Renaud	
[106] Simulation of pure and Cr-doped UO ₂ using molecular dynamics and density functional theory	BOCHAROV, Dmitry	