MRS2017 - Scientific Basis for Nuclear Waste Management Symposium 2017

Tuesday, 31 October 2017

Glass Wasteforms: Session Chairs Ian Farnan & Josef Matyas (11:00 - 12:15)

time	[id] title	presenter
11:00	[25] Towards understanding the dissolution of vitrified nuclear waste in a cementitious geological disposal facility	Dr CORKHILL, Claire
11:30	[53] (Scholarship application) Thermal Treatment of Magnox Sludge Intermediate Level Nuclear Waste through Vitrification	Mr BARLOW, Sean
11:45	[41] Chemical Durability of Borosilicate Glass-Ceramic High-Level Waste Form in Dilute and Static Conditions	Mr CRUM, Jarrod
12:00	[42] Effects of Li, Ca, Fe, and B on NaAlSiO4 nepheline crystallization in high level waste glasses	Prof. MCCLOY, John

Glass Wasteforms: Session Chairs Claire Corkhill & Nicolas Dacheux (13:45 - 14:45)

time	[id] title	presenter
13:45	[63] Alkali tin silicate glass as a wasteform for the immobilisation of plutonium	Ms MASON, Amber
14:00	[69] Simplified UK Magnox waste glass alteration layer characterisation using 29Si, 17O and 25Mg NMR techniques	Mr GUO, Rui
14:15	[78] Dissolution Behavior of Lead Borate Glass under Simulated Geological Disposal Conditions	Mr MUKUNOKI, Atsushi
14:30	[85] A study to develop a new glass formulation for the immobilisation of HLW containing molybdenum and large amounts of sodium.	Dr BRIGDEN, Clive