

MRS2017 - Scientific Basis for Nuclear Waste Management Symposium 2017

Tuesday 31 October 2017

Radiation Damage: Session Chairs Stefan Neumeier & Neil Hyatt (15:15-17:30)

time	[id] title	presenter
15:15	[84] Investigating Local Defect Structures in Nuclear Waste Form Materials	Prof. LANG, Maik
15:45	[102] P-31 Nuclear Magnetic Resonance as a Probe of Plutonium Incorporation and Radiation Damage in Phosphates	Dr FARNAN, Ian
16:00	[21] Radiation stability study of melt processed and hot isostatically pressed multi-phase ceramic waste forms	Dr TANG, Ming
16:15	[86] Quantification of irradiation induced structural disorder in nuclear waste-form ceramics with μ -luminescence spectroscopy of lanthanides	Dr LENZ, Christoph
16:30	[87] Ion Beam Irradiation of Ceramic-glass Waste Form at ANSTO	Dr WEI, Tao
16:45	[51] Ion irradiation used as surrogate for neutron irradiation to understand nuclear graphite evolution during reactor operation: consequences for the long lived radionuclide's behavior	Dr TOULHOAT, Nelly
17:00	[97] Ambient-Cured Geopolymers for Low Level Nuclear Waste Storage	Ms BORBA DA BUSCH, Isadora
17:15	[101] Radionuclide Sorption Behaviour on Fresh and Aged Cementitious Materials: A Comprehensive Database with 25 Elements	Dr MALLANTS, Dirk