



# MRS2017 - Scientific Basis for Nuclear Waste Management Symposium 2017

## Thursday 02 November 2017

### Partitioning & Transmutation: Session Chairs Gordon Thorogood & David Shoesmith (08:30-10:30)

time	[id] title	presenter
08:30	[6] Advanced Materials and Processes for Application to the Back-end of the Nuclear Fuel Cycle	Dr LUCA, Vittorio
09:00	[49] Emulsions as a powerful tool to design silica monoliths able to selectively uptake radioactive caesium	Dr CAUSSE, Jeremy
09:15	[60] Highly porous and stable metal–organic frameworks for uranium extraction	Dr CARBONI, Michael
09:30	[73] Pyrolysis and Plasma applied to Nuclear ion Exchange Resins Treatment	Dr BIANCHI, hugo luis
09:45	[92] Functionalised Titania and Zirconia Materials for Selective Actinide and Lanthanide Separations	Dr VELISCEK CAROLAN, Jessica
10:00	[14] Inert matrix fuel deployment for reducing the plutonium stockpile in reactors	Prof. DEGUELDRE, Claude