Session Program

October 29, 2017 to November 3, 2017

MRS2017 - Scientific Basis for Nuclear Waste Management Symposium 2017

Partitioning & Transmutation

Thu, November 2

8:30 AM

Partitioning & Transmutation: Session Chairs Gordon Thorogood & David Shoesmith

Session

8:30 – 9:00 AM

Advanced Materials and Processes for Application to the Back-end of the Nuclear Fuel Cycle

Speaker
Dr Vittorio Luca

9:00 – 9:15 AM

Emulsions as a powerful tool to design silica monoliths able to selectively uptake radioactive caesium

Speaker
Dr Jeremy Causse

9:15 – 9:30 AM

Highly porous and stable metal–organic frameworks for uranium extraction

Speaker
Dr Michael Carboni

9:30 – 9:45 AM

Pyrolysis and Plasma applied to Nuclear ion Exchange Resins Treatment

Speaker
Dr hugo luis bianchi

9:45 – 10:00 AM

Functionalised Titania and Zirconia Materials for Selective Actinide and Lanthanide Separations

Speaker
Dr Jessica Veliscek Carolan

10:00 – 10:30 AM

Inert matrix fuel deployment for reducing the plutonium stockpile in reactors

Speaker
Prof. Claude Degueldre

10:30 AM