



## Second Announcement

### 14<sup>th</sup> International Conference on the Chemistry and Migration Behaviour of Actinides and Fission Products in the Geosphere

**September 8 - 13, 2013, The Brighton Centre, Brighton, UK**

The MIGRATION conferences provide an international forum for the timely exchange of scientific information on chemical processes controlling the migration behaviour of actinides and fission products in natural aquifer systems. Experimental investigations and predictive modelling of these processes are the main topics of the conferences.

#### The sessions in MIGRATION 2013 will cover the following areas:

- A Aquatic chemistry of actinides and fission products**
  - Solubility and dissolution
  - Solid solution and secondary phase formation
  - Complexation with inorganic and organic ligands
  - Redox reactions and radiolysis effects
  - Solid-water interface reactions
  - Colloid formation
  - Experimental methods
  - Quantum chemistry studies
- B Migration behaviour of radionuclides**
  - Radionuclide biogeochemistry
  - Sorption/desorption phenomena in dynamic systems
  - Diffusion and other migration processes
  - Colloid migration
  - Effects of biological and organic materials
  - Field and large scale experiments
  - Natural Analogues
- C Geochemical and transport modelling**
  - Data selection and evaluation
  - Coupling chemistry and transport
  - Development and application of models
  - Model validation
- D Special Session on UK Waste Disposal Programme**

#### Registration:

£550 full delegate, £295 students before June 30<sup>th</sup>, £700 and £400 thereafter. Includes book of extended abstracts, Welcome Buffet on Brighton Pier, buffets during poster sessions and Conference Dinner at AMEX Stadium.

#### Timeline:

Jan 21 <sup>st</sup> 2013	Registration opens
Mar 22 <sup>nd</sup> 2013	Abstracts for presentations due
May 2013	Authors notified
Jun 30 <sup>th</sup> 2013	Deadline for early registration
Jul 31 <sup>st</sup> 2013	Final programme

#### Social Programme:

Guided tour of Arundel castle (Wednesday pm). Cost £40 – to be paid at same time as registration.



#### Contact:

Dr Nick Evans, Dept. of Chemistry, Loughborough University,  
Loughborough, Leics, LE11 3TU, UK  
+44(0)1509222564 [n.d.m.evans@lboro.ac.uk](mailto:n.d.m.evans@lboro.ac.uk)

#### Website:

[www.lboro.ac.uk/departments/chemistry/migrationconference2013/](http://www.lboro.ac.uk/departments/chemistry/migrationconference2013/)

