



# ***MIGRATION 2015***

## **First Announcement**

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

**September 13-18, 2015, Santa Fe Convention Center, Santa Fe NM, USA**

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

#### **The sessions in MIGRATION 2015 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 Behavior of Radionuclides**

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 analogs

##### **C) Geochemical and Transport Modeling**

Data selection and evaluation  
Coupling chemistry and transport  
Development and application of models  
Model validation

##### **D) Special Session on Environmental Management Activities in New Mexico and the USA**

#### **Timeline:**

January 2015	Second Announcement and call for papers
	<ul style="list-style-type: none"><li>• Abstract template</li><li>• Detailed schedule provided</li></ul>
February 2015	Abstracts Due
May 1, 2015	Author notification of acceptance Notification of registration details
July 2015	Deadline for early registration
August 2015	Final program
September 2015	MIGRATION Conference

#### **Social Programs:**

A variety of activities in the Santa Fe area for family and our Wednesday PM excursion are being planned.

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