



MIGRATION 2015

Second Announcement and Call for Abstracts

15th International Conference on the Chemistry and Migration Behaviour of Actinides and Fission Products in the Geosphere

September 13-18, 2015, Santa Fe Community 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.

Call for Abstracts

Abstracts are Due Monday, February 23, 2015

Abstract Submittal Process:

Go to migration2015.org, select “abstract submittal” and follow the instructions to submit your abstract.

General guidelines:

A 700-800 word extended abstract (2 pages or less including Figures and Tables) is requested in Microsoft Word format. Two example templates are provided and should be followed – this is the same format that has been used for the most recent MIGRATION conferences. We are requesting information for all authors in the submittal process so that we can identify student and postdoc participants, and have a more complete set of contact information; but information on only the submitting/contact author is required.

For all Questions, Email migration2015@newmexicoconsortium.org

Migration Website: migration2015.org

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Updated Timeline

Dates (all in 2015)	Event
January 23	Abstract Submittal Process Open
February 23	Abstracts Due
March 19-21	Abstract Review Meeting
May 1	Author Notification of Acceptance
May 15	Announcement of Registration Details
July 15 (Tentative)	Deadline for Early Registration
August	Final Program
September 13-18	MIGRATION Conference

Preview of Registration Information:

- **Registration Fee: \$900**
- **Student discounted rates will be available**
- **Discounted-rate hotels in the Santa Fe plaza will be available**

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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Topics and Sessions



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

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