Migration 2019

First Announcement

17th International Conference on the Chemistry and Migration Behavior of Actinides and Fission Products in the Geosphere

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 modelling of these processes are the main topics of the conferences.

September 15 - 20, 2019
Kihada Hall, Kyoto University, Kyoto, Japan

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
Computational chemistry

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 analogues

C Geochemical and transport modelling
Data selection and evaluation
Coupling chemistry and transport
Development and application of models
Model validation
Safety assessment and repository concepts

D Application to Case Studies
Special session: Eight years after the Fukushima accident (tentative title)

Timeline:

Apr 2018	1st Announcement
Sep 2018	2nd Announcement and call for papers
Feb 2019	Abstracts due
May 2019	Author notification of acceptance Notification of registration details
Jun 2019	Deadline for early registration
July 2019	Final program
Sep 2019	Conference

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The webpage will open in April-May.