



Migration 2017

30 Years of Migration Conferences

Second Announcement Call for Abstracts

**16th International Conference on the Chemistry and Migration Behaviour
of Actinides and Fission Products in the Geosphere**

September 10 - 15, 2017

Conference venue: Barcelona International Convention Centre, Barcelona, Spain

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.

Call for Abstracts

Abstracts are due Monday, March 6th, 2017, 9:00am CET

Abstracts submission procedure:

Go to migration2017.org, select “abstract submission” 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 on the web site, the format is the same as the one used for the most recent MIGRATION conferences.

You may submit one or more abstracts. You will be able to edit/withdraw your abstract until 6th March 2017, 09:00am CET.

For questions please contact us by email: info@migration2017.org



Migration 2017

Timeline

Dates	Event
2 nd Dec 2016	Second Announcement and call for papers
6 th Mar 2017	Abstracts due
1 st May 2017	Author notification of acceptance Notification of registration details
15 th Jun 2017	Deadline for early registration
July 2017	Final program
10 th -15 th Sept 2017	MIGRATION Conference

Registration information:

- Early bird registration fee: 750€
 - Student Fee: 525€
 - Late registration: 900€
 - Discounted rate hotels will be available
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- An attractive social programme for accompanying persons and different excursions on Wednesday afternoon are planned.

Side event: NEA-TDB short course

“Thermodynamic data collection, assessment and modeling”
September 10th, 2017, Barcelona
Organized by the OECD NEA-TDB project
Details on program and registration available in January 2017
Contact e-mail: nea-tdb-course2017@oecd-nea.org





Migration 2017

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 behaviour 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

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