

Migration 2023

24-29 September 2023
Nantes, France

18th International

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

Second Announcement

Call for Abstracts

Abstracts are due

Friday, February 17th 2023



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.

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

E Special sessions on : CIGEO and NORM

Timeline:

Feb 17, 2023	Abstracts due
Apr 2023	Author notification of acceptance
June 15, 2023	Deadline for early registration
	Final program
Sep 2023	Conference

Registration information:

Early bird registration fee: 800€
Late registration fee: 950€
Student early bird registration fee: 450€
Student late registration fee: 550€

A program for optional visits and excursions and for accompanying persons is planned and will be announced via the conference webpage.

Website: <http://migration2023.sciencesconf.org/>
Place: Cité des Congrès



Confirmed invited speakers for the Opening Session: P. Landais, F. Plas and P. Zuidema

Abstracts submission procedure:

- Go to <http://migration2023.sciencesconf.org/>
- Select “abstract/oral/poster instructions” and follow the instructions to submit your abstract.
- Select if you plan or not to submit your contribution to a conference paper collection in a journal

Guidelines:

- Abstract should be written in 700-800 words and with 11 font size, Times New Roman, justified, single line spacing. It should not exceed 2 pages including tables and figures.
- Abstract is requested in Microsoft Word format. A template is provided on the web site.
- You may submit one or more abstracts. You will be able to edit/withdraw your abstract until 17th February 2023 at 23:59 CET.

Accommodation:

Nantes has a wide and diverse range of hotel accommodation near the Cité des Congrès, 50% are within walking distance or by public transport from La Cité. A 4* hotel with 105 rooms, housed in La Cité. You can find a list of hotels in Nantes on the website of the conference : <https://migration2023.sciencesconf.org/resource/page/id/2>

You can also visit the Nantes Tourist Office website
<https://www.levoyageanantes.fr/en/>

We strongly recommend all participants to reserve their accommodation as soon as possible.

More informations on : <https://lacite-nantes.com/informations.html>

Local organisation :

Scientific secretary issues

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