

Joint ICTP-IAEA International School on the Physical Basis for Radionuclide Migration (Storage, disposal and contaminated sites)



17 - 11 November 2022
An ICTP-IAEA Hybrid Meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/9841/>
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This joint school will cover the principles and the modelling approaches for radionuclide migration in the geosphere.

Directors:

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Description:

Member States that benefit from the on-going peaceful uses of nuclear technology need to safely manage radioactive waste and environmental contamination resulting from past practices or events. To identify the preferred approach, the decision - making process should be underpinned by assessments of the long-term impact of the various waste management and/or remediation options.

This training school is focused on teaching the approach to modelling contaminant fate and transport in groundwater. There is a wide application for this modelling including the development of waste disposal concepts, radiological safety case, environmental impact assessment and remediation for contaminated land.

Topics:

- Establishing a conceptual site model
- Model application and objectives
- Managing modelling uncertainties
- Hands on experience with modelling codes (software applications)
- Case study integration

Local Organiser:

N. SERIANI, ICTP, Italy

Speakers:

R. AVILA, AFRY, Sweden
K. BAINES, IAEA-Vienna, Austria
D. BENNETT, IAEA-Vienna, Austria
V. FREEDMAN, Sealaska, USA
W. MEYER, IAEA-Vienna, Austria
M. OJOVAN, Imperial College, UK
V. PETROV, IGEM RAS, Russian Federation
R. RAHMAN, Atomic Energy Authority of Egypt, Egypt

How to apply:

Online application:
<http://indico.ictp.it/event/9841/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Deadlines:

30 September 2022

for participants needing financial support and/or visa

21 October 2022

for online participation

