Conference website

Second Announcement

6th International Workshop on Mechanisms and Modelling of Waste / Cement Interactions

PRAGUE, CZECH REPUBLIC
NOVEMBER 20TH – 22ND, 2023

For information or questions regarding the workshop on "Mechanisms and Modelling of Waste / Cement Interactions", please contact:
Petr Večerník (ÚJV Řež)

EURAD WP CORI Final Internal Workshop

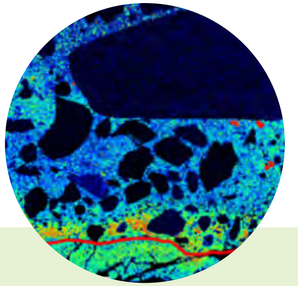
PRAGUE, CZECH REPUBLIC
NOVEMBER 23RD, 2023

Information on the Final Workshop of the WP CORI integrated in EURAD HERE will be made available at a later time. For information on CORI please contact the project coordinator **Marcus Altmaier (KIT)**

Excursions optional

NOVEMBER 24TH, 2023

Laboratories: CTU, ÚJV, CVŘ
SÚRAO facilities



Common information

Location
The workshop will be held at the Masaryk Congress Centre in Prague, Czech Republic. The Masaryk Congress Centre is situated in a strategic location in Dejvice, Prague 6, just 20 minutes away from Prague Vaclav Havel international airport, with excellent public-transport access to the city centre, and with good motorway and subway links.

Accommodation
The participants are kindly asked to arrange their own accommodation. You can use three-star hotel rooms directly at the Masaryk Dormitory, nearby is four-stars Vienna House Diplomat.

Workshop language – English

Registration
The registration fee for CORI will be stated later. The registration fee for International Workshop will be stated later. Registration includes admission to the workshop, coffee breaks, lunches, poster-buffet dinner and workshop dinner.

Key dates

September 2022	1st announcement
February 2023	2nd announcement
May 15, 2023	deadline for abstract submission via website
end of May, 2023	notification of acceptance of abstracts
end of May, 2023	start of registration via website
October 13, 2023	deadline for registration
November 3, 2023	start of full paper submission
November 20-24, 2023	workshop in Prague
January 31, 2024	deadline for full paper submission

Cement workshop

Scope and Background
The workshop "Mechanisms and Modelling of Waste/ Cement Interactions" focuses on the chemical understanding and the thermodynamic modelling of the processes responsible for the stabilization of hazardous and radioactive wastes in cementitious systems. Like the very successful earlier meetings in this series of workshops (Meiringen, 2005; Le Croisic, 2008; Ghent 2013; Murten, 2016; Karlsruhe, 2019), the 6th workshop intends to bring together world-leading and junior scientists from the different branches of the research communities.

Although many research activities related to cement chemistry take place in the waste management field, there is an ongoing need for close scientific contact to fundamental research on cement chemistry to assure state-of-the-art research and to continue to promote national and international collaboration.

Topics
The workshop aims at exchanging state-of-the-art knowledge on chemical and physical processes of waste/cement interactions.

- → **Cement Chemistry & Microstructure**
  Modelling, multiscale-approaches, alternative cements
- → **Cement/Rock/Soil Interfaces and Transport**
  Cement / host rock, transport processes and modelling
- → **Interaction of Cement with Waste Constituents**
  Radioactive waste, toxic waste, metal binding mechanisms, organic compounds
- → **Nanoscale Characterisation & Molecular Dynamics**
  Methods at large scale facilities, advanced methods
- → **Deterioration and Leaching**
  Alkali-aggregate reaction, carbonation, sulfate interaction, ageing process, natural analogues

Call for papers
Abstracts: Authors are invited to submit a one-page abstract for oral and poster presentations via website until May 15th, 2023

Authors will be notified for acceptance of the reviewed abstracts by end of May, 2023.
Submission of full papers will be appreciated before the workshop. Accepted papers will be published in a Special Issue on ScienceDirect. The submission deadline for full papers is in January 2024.

International Steering Committee
Celine Cau-dit-Caumes CEA, F
Bernd Grambow Subatech, F
Diederick Jacques SCK.CEN, B
David Kosson Vanderbilt University, USA
Barbara Lothenbach Empa, CH
Volker Metz KIT, D
John Provis University of Sheffield, UK
Erich Wieland Paul Scherrer Institut, CH

Local Organising Committee
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Radek Vašíček, CTU, CZ
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