

## ACCOMODATION / HOTEL

Standard single rooms can be booked at the conference location at the [Centre Loewenberg](#). Alternatives in Murten are available and can be booked through [Murten Tourism](#).

## VENUE

The workshop will be held at the [Centre Loewenberg](#) near Murten. The Centre is nestled in a quiet park and offers also hotel facilities.

## WORKSHOP LOCATION AND ACCOMMODATION

[www.sbb.ch/en/group/real-estate/properties-for-rent/centrelowenberg.html](http://www.sbb.ch/en/group/real-estate/properties-for-rent/centrelowenberg.html)

Murten is a historic medieval town at the French-German language border in Switzerland, offers historic sites, beautiful views and numerous hiking trails. Murten is located less than two hours from the international airports in Zurich, Geneva, Basle or Berne and can be easily reached by car or via hourly train connections from all major Swiss cities.

[www.sbb.ch/en/home.html](http://www.sbb.ch/en/home.html)

Tickets for public transport can be arranged at any train station.

For detailed information including hotel information, detailed workshop program, abstract and final paper submission and electronic registration:

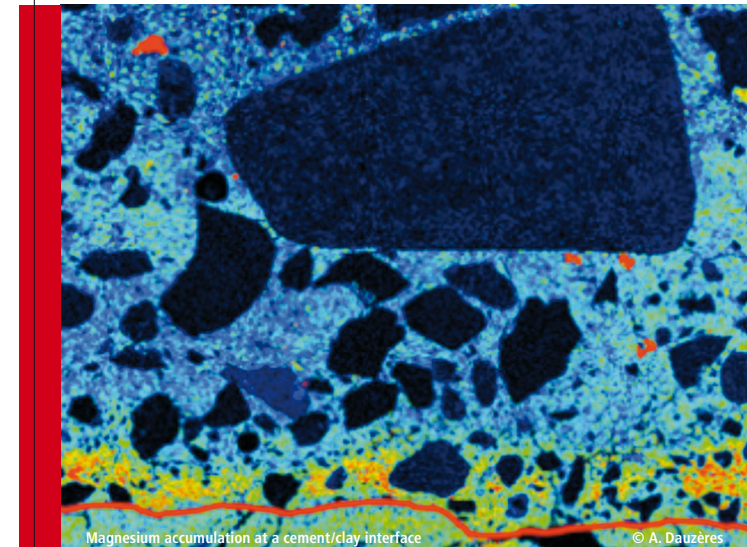
[www.empa.ch/cement2016](http://www.empa.ch/cement2016)



## 4<sup>th</sup> INTERNATIONAL WORKSHOP ON

# Mechanisms and Modelling of Waste/Cement Interactions

2<sup>nd</sup> Announcement



Murten, Switzerland  
May 22 – 25, 2016

Conference information: [www.empa.ch/cement2016](http://www.empa.ch/cement2016)

## 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), the 4<sup>th</sup> 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 and 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**  
Radwaste, toxic waste, metal binding mechanisms, organic compounds
- **Nanoscale Characterisation and Molecular Dynamics**  
Methods at large scale facilities, advanced methods
- **Deterioration and Leaching**  
Alkali-aggregate reaction, carbonation, sulfate interaction, ageing process, natural analogues

## KEY DATES

September 2015	2 <sup>nd</sup> announcement
November 15, 2015	Abstract submission deadline (→ <a href="mailto:cement2016@empa.ch">cement2016@empa.ch</a> )
December 15, 2015	Start of registration
December 15, 2015	Notification of acceptance of abstracts
February 15, 2016	<b>Early registration deadline</b>
April 1, 2016	Late registration
May 1, 2016	Full paper submission for special issue opens
May 22–25, 2016	Workshop in Murten
August 1, 2016	Full paper submission for special issue deadline

## REGISTRATION

Participants may register until **April 1, 2016**.

For registration and further information please go to: [www.empa.ch/cement2016](http://www.empa.ch/cement2016)

After enrolment, you will receive a confirmation by email. Payment can only be made by credit card.

The number of participants is limited to 100.

## CONFERENCE FEE

**Early registration: CHF 500.–** (before February 15, 2016)

**Late registration: CHF 550.–** (after February 15, 2016)

**Students: CHF 400.–** (before February 15, 2016)

\*Student registration requires a proof of enrolment.

The fee includes coffee breaks and lunches, welcome drinks on Sunday, BBQ party on Monday, conference dinner on Tuesday.

## CALL FOR PAPERS

Abstracts: Authors are invited to submit a one-page abstract (in English) for oral and poster presentations via the conference website or by e-mail to [cement2016@empa.ch](mailto:cement2016@empa.ch) until November 15, 2015. Use template downloadable at [www.empa.ch/cement2016](http://www.empa.ch/cement2016)

Authors will be notified for acceptance of the reviewed abstracts on December 15, 2015. Abstracts will be published in the workshop proceedings.

Guidelines for abstract and papers will be provided on [www.empa.ch/cement2016](http://www.empa.ch/cement2016)

## SPECIAL ISSUE

Selected papers will be published in a special issue of Physics and Chemistry of the Earth.

Submission: May 1 to August 1, 2016

## WORKSHOP ORGANISERS

Erich Wieland, PSI, CH

Urs Mäder, University of Bern, CH

Barbara Lothenbach, Empa, CH

Andreas Jenni, University of Bern, CH

Ellina Bernard, Empa, CH

## INTERNATIONAL STEERING COMMITTEE

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Céline Cau Dit Coumes, CEA, F

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## ADMINISTRATION

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Information on the scientific program:

[cement2016@empa.ch](mailto:cement2016@empa.ch)