

## ACCOMODATION / HOTEL

Standard single rooms can be booked at the conference location at the [Centre Loewenberg](#). Please use the reservation form provided on the conference website. Alternatives in Murten are available and can be booked through Murten Tourism.

## WORKSHOP LOCATION

[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)

<https://www.regionmurtensee.ch/en/>

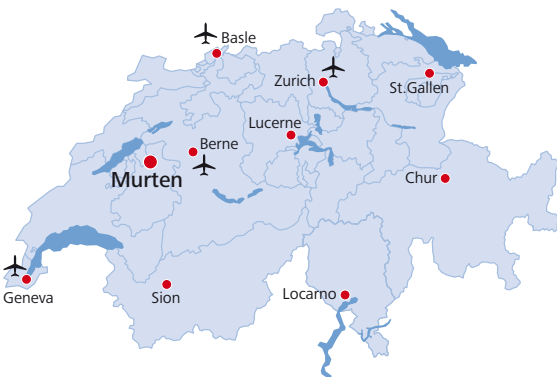
Murten is a historic medieval town at the French-German language border in Switzerland. It offers historic sites, beautiful views and numerous hiking trails. The city is located less than two hours from the international airports in Zurich, Geneva, Basle or Berne and can be easily reached by car or via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

<https://www.sbb.ch/en/home.html>

## WEBSITE

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

[www.empa-akademie.ch/csa2018](http://www.empa-akademie.ch/csa2018)



## SPONSORS



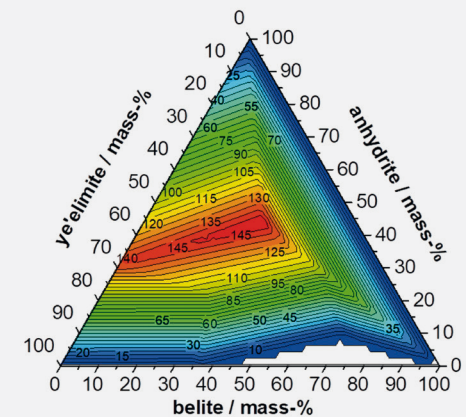
## CO-SPONSORS



## INTERNATIONAL WORKSHOP ON

# Calcium sulfoaluminate cements

## 2<sup>nd</sup> Announcement



Theoretical amount of ettringite calculated by thermodynamic modelling  
Source: © F. Winnefeld

Murten, Switzerland  
June 4 – 6, 2018

Online registration:  
[www.empa-akademie.ch/csa2018](http://www.empa-akademie.ch/csa2018)

## SCOPE AND BACKGROUND

Calcium sulfoaluminate cements are receiving increasing interest as an environmentally friendly alternative to Portland cement and as they can be used to formulate mortars and concretes with special properties such as fast setting, high early strength or shrinkage-compensation. Thus in the recent years the number of publications in this field increased rapidly, and new products came on the market.

This workshop aims at exchanging state-of-the-art knowledge regarding production, hydration, properties, durability and application of calcium sulfoaluminate cements. Gathering experts from all around the world will stimulate scientific discussions and can promote national and international collaboration.

## TOPICS

- **Clinkering**  
Raw materials, lab and industrial clinkering, mineralizers, kiln operation
- **Hydration mechanisms**  
Kinetics, hydrate assemblages, mineral additions, ternary binders with Portland cements, admixtures, phase stabilities, thermodynamic properties
- **Properties**  
Mechanical properties, volume stability (expansion, shrinkage, creep)
- **Durability and sustainability**  
Sulfate resistance, chloride ingress, carbonation, rebar corrosion, life cycle analysis
- **Application**  
Mortar, concrete, waste encapsulation, standardization

## SPECIAL ISSUE

Selected papers will be published in a special issue of "Advances in Cement Research".

Submission: March 15 – June 15, 2018

## KEY NOTES

- November 15, 2017 Start of registration
- January 31, 2018 Abstract submission  
([csa2018@empa.ch](mailto:csa2018@empa.ch))
- February 28, 2018 Notification of acceptance
- February 15, 2018 Early registration deadline
- April 30, 2018 Late registration deadline
- March 15, 2018 Full paper submission for special issue opens
- June 15, 2018 Full paper submission for special issue deadline

## REGISTRATION

Participants may register until April 30, 2018.

For registration and further information please go to: [www.empa-akademie.ch/csa2018](http://www.empa-akademie.ch/csa2018)

After enrolment, you will receive a confirmation by email. The number of participants is limited to 120.

## FEES AND PAYMENT

Early registration: CHF 500.– (until February 15, 2018)

Late registration: CHF 550.– (after February 15, 2018)

Students: CHF 400.– (until February 15, 2018)

\* Student registration requires a proof of enrolment.

\*\* RILEM members receive a discount of 10% on early registration fee.

The fee includes coffee breaks and lunches, BBQ Party on Monday, Conference Dinner on Tuesday.

Payment must be made in advanced upon receipt of invoice.

## 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 Email to [csa2018@empa.ch](mailto:csa2018@empa.ch) until January 31, 2018. Use the template downloadable at [www.empa-akademie.ch/csa2018](http://www.empa-akademie.ch/csa2018).

Authors will be notified for acceptance of the reviewed abstracts on February 28, 2018. Abstracts will be published in the workshop proceedings.

## WORKSHOP ORGANIZERS

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Barbara Lothenbach, Dübendorf, Empa, CH  
Antonio Telesca, University of Basilicata, Potenza, ITA  
Milena Marroccoli, University of Basilicata, Potenza, ITA

## INTERNATIONAL SCIENTIFIC COMMITTEE

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## ADMINISTRATION

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