

BACKGROUND

The sustainable development of the building industry as well as new applications require concretes of specific properties. These concretes prove useful in terms of laboratory testing, but difficulties arise in their practical application and in behaviour prediction as they diverge from common routines, norms and recommendations. The putting of non-traditional concretes into practice represents therefore an interdisciplinary problem. The conference will focus on the exchange of the experience of the research, preparation, testing and application of these materials.

We know that today's non traditional cements and concretes may become traditional tomorrow. It would be a wonderful thing if even this conference contributed its share towards this goal.

ORGANISATION OF THE CONFERENCE

The conference is organised by Brno University of Technology – Faculties of Civil Engineering and Chemistry, VŠB–TUO: Technical University of Ostrava – Faculty of Civil Engineering, and ZPSV, a.s. (Production of concrete elements) and it is supported by Czech Concrete Society (CBS). The connection of the Universities and the production company shows that the conference is focused on both theoretical and practical problems in the field of non-traditional cements and concretes.

TOPICS

1. Geopolymers
2. Alkali-Activated Materials
3. Clinker-free concrete
4. Concrete with mineral and chemical admixtures
5. High Performance Concrete
6. Durability of non-traditional concrete
7. Sustainable development
8. Damage and fracture of non-traditional concrete
9. Quality control of non-traditional concrete
10. Construction from non-traditional concrete

ORGANISING COMMITTEE

Vlastimil BÍLEK, Zbyněk KERŠNER, Stanislav SEITL,
Šarka NENADÁLOVÁ, Hana ŠIMONOVÁ, Patrik BAYER

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D. KOLOUŠEK (Czech Republic)	

VENUE / BRNO CITY

The conference will be held in Hotel Continental in Brno. We are negotiating special conference rates in this hotel.

Brno is the second largest city in the Czech Republic and the metropolis of South Moravia. About 400.000 people live there. There are a lot of cultural and other sights.

Brno is located 200 km from Prague and 150 km from Vienna (Austria). There are international airports in the cities. A lot of express trains and buses connect these cities with Brno.

CONTACT ADDRESS / WEB

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<http://www.fce.vutbr.cz/stm/fracture/symposium2017/>

CALL FOR PAPERS

Prospective authors or participants are invited to submit an abstract of about 100–200 words **no later than 31st October 2016**.

All abstracts must include the full postal and mailing address of the corresponding author. Please, designate the number of topic and the type of presentation – poster or oral. We expect at least one (co)author of each submitted paper to be present at the conference.

CALENDAR

April 2016	Call for papers
October 31, 2016	Deadline of abstracts
November 30, 2016	Notification of acceptance
April 30, 2017	Submission of camera-ready papers
June 19–22, 2017	Conference held in Brno

REGISTRATION FEES AND PROCEEDINGS

The registration fee will be 450 EURO (230 for PhD students). The fee includes proceedings (2 pages abstract), lunches, coffee/tea at breaks, cultural events and banquets.

Selected 4 pages papers will be published after review via Trans Tech Publications covered by SCOPUS database (additional 120 EURO).

A sightseeing trip can be organised after the conference for participants and accompanying persons who will be interested about it. The price of the trip will be about 150 EURO. The trip can finish in Prague – easy flight connection.

6th International Conference

Non-traditional Cement and Concrete NTCC 2017



June 19–22, 2017

Brno, Czech Republic

Guaranteed by:



Prof. Rostislav Drochytka
*Dean of Faculty of Civil Engineering
Brno University of Technology*



Prof. Radim Čajka
*Dean of Faculty of Civil Engineering
VSB TU Ostrava*



Prof. Martin Weiter
*Dean of Faculty of Chemistry
Brno University of Technology*



Mr. Jan Spevák
*General Director of ZPSV Uh.
Ostroh*



Prof. Jiří Kolísko
President of Czech Concrete Society