

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 this conference also contributed its share towards this goal.

ORGANISATION OF THE CONFERENCE

The conference is organised by the Brno University of Technology and ZPSV, a.s. (Production of concrete elements) and it is supported by the Czech Concrete Society (CBS). The connection of the University 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 Composites
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

ADVISORY PANEL

P.-C. AİTCIN (CANADA)	P. KRIVENKO (UKRAINE)
A. BAJZA (SLOVAKIA)	W. KURDOWSKI (POLAND)
K. BERGMEISTER (A)	D. NOVÁK (CZ)
D. BJEGOVIC (CROATIA)	S. I. PAVLENKO (RUSSIA)
J. BRANDŠTETR (CZ)	F. PUERTAS (SPAIN)
M. COLLEPARDI (ITALY)	R. RAKHIMOV (RUSSIA)
J. DAVIDOVITS (FRANCE)	H.-W. REINHARDT (D)
N. DE BELIE (BELGIUM)	P. ROVNANÍKOVÁ (CZ)
J. VAN DEVENTER (AUS)	J. SKALNY (U.S.A.)
H. Y. GHORAB (EGYPT)	A. TAGNIT HAMOU (CAN)
M. A. GLINICKI (POLAND)	B. TEPLÝ (CZ)
I. JANOTKA (SLOVAKIA)	P. TRTIK (SWITZERLAND)
D. KOLOUŠEK (CZ)	O. H. WALLEVIK (ISLAND)
M. KOMLJENOVIC (SERBIA)	F.H. WITTMANN (D)

ORGANISING COMMITTEE

Vlastimil BÍLEK, Zbyněk KERŠNER

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<http://www.fce.vutbr.cz/stm/fracture/symposium2011/default.htm>

VENUE

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

For transport into Brno we would recommend contacting travelagency Optitravel info@optitravel.cz.

CALL FOR PAPERS

Prospective authors or participants are invited to submit an abstract of about 100–200 words **no later than 31st August 2010**.

All abstracts must include the full postal and mailing address of the corresponding author. Please, note down 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

March 2010	Call for papers
Aug. 31, 2010	Deadline of abstracts
Sept. 30, 2010	Notification of acceptance
April 30, 2011	Submission of camera-ready papers
June 27–30, 2011	Conference held in Brno

REGISTRATION FEES

The registration fee will be 400 EURO. The fee includes proceedings, dinners, coffee/tea at breaks, cultural events and banquets.

A sightseeing trip is planned after the conference for participants and accompanying persons (to spas in West Bohemia). The price of the trip will be about 150 EURO. The trip can be finished in Prague to gain the participants an easy flight connection.

BRNO CITY

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

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

Preliminary application form to international conference

Non-traditional cement & concrete

June 27–30, 2011
Brno, Czech Republic

Please, fill and return not later than 31 August 2010 to contact address:

Family name:

First (and middle) name:

Address:

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E-mail:

Fax:

Title of my paper:

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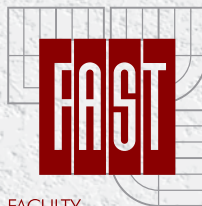
Topic number:

I prefer oral presentation poster presentation

I will be accompanied by:



BRNO UNIVERSITY OF TECHNOLOGY



FACULTY
OF CIVIL
ENGINEERING

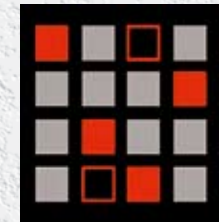
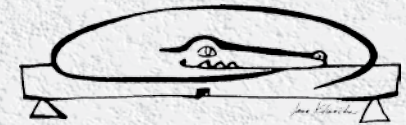


FACULTY
OF CHEMISTRY



4th International Conference

Non-traditional Cement and Concrete



27–30 June 2011

Brno, Czech Republic

Guaranteed by:

Prof. Rostislav Drochytka
Dean of Faculty of Civil Engineering

Prof. Jaromir Havlica
Dean of Faculty of Chemistry

Mr. Frantisek Sekanina
General Director of ZPSV Uh. Ostroh

Dr. Vlastimil Sruma
Czech Concrete Society