

## 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 VSB – Technical University of Ostrava – Faculty of Civil Engineering, Institute of Physics of Materials, Brno University of Technology – Faculties of Civil Engineering and Chemistry.

## 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

## HONORARY ADVISORY PANEL

P.-C. AÏTCIN (Canada)	A. PALOMO (Spain)
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R. JONES (Scotland)	P. TRTÍK (Switzerland)
H. JUSTNES (Norway)	J.L. VÍTEK (Czech Republic)
J. KATZER (Poland)	Y. ZHUGE (Australia)

## ORGANISING COMMITTEE

Vlastimil BÍLEK, Zbyněk KERŠNER, Stanislav SEITL, Jiří BROŽOVSKÝ  
Hana ŠIMONOVÁ, Tomáš OPRAVIL, František ŠOUKAL

## VENUE / BRNO CITY

The conference will be held in Hotel Continental in Brno (<https://www.continentalbrno.cz/en/>). 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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<https://www.fce.vutbr.cz/stm/fracture/symposium2023/>

## CALL FOR PAPERS

Prospective authors or participants are invited to submit an **abstract of about 100–200 words no later than 31<sup>st</sup> January 2023 on e-mail address [vlastimil.bilek@vsb.cz](mailto:vlastimil.bilek@vsb.cz)**

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.

## IMPORTANT DATES

October 30, 2022	Call for papers
<b>February 19, 2023</b>	<b>Deadline for abstracts</b>
February 28, 2023	Notification of acceptance
April 30, 2023	Submission of papers
June 25–28, 2023	Conference held in Brno

## REGISTRATION FEES AND PROCEEDINGS

Selected papers will be published after review in Scopus or WoS indexed publication.

Conference fee:	550 EUR
PhD students:	300 EUR
Publication in Scopus	180 EUR

7<sup>th</sup> International Conference

# Non-traditional Cement and Concrete

## NTCC 2023



**June 25-28, 2023**  
**Brno, Czech Republic**

organised by

VSB TECHNICAL UNIVERSITY OF OSTRAVA | FACULTY OF CIVIL ENGINEERING



Institute of Physics of Materials  
Czech Academy of Sciences

