

14 th June 2005, Tuesday	15 th June 2005, Wednesday	16 th June 2005, Thursday
8 ⁰⁰ Registration		
9 ⁰⁰ Opening of the symposium	9 ⁰⁰ <i>E-H. Kadri, S. Aggoun, A. Benaissa</i> , France Influence of zeolite, gaize, limestone and slag on new composite portland cement	9 ⁰⁰ <i>P.-C. Aitcin</i> , Canada New trends in high-performance concrete
9 ³⁰ <i>A. Palomo, A. Fernandez-Jimenez</i> , Spain Some main factors influencing the alkali activation of fly ashes	9 ¹⁵ <i>S. Grzeszyk, P. Podkowa</i> , Poland The influence of microfillers on the properties of fresh self compacting concrete	9 ³⁰ <i>M. Drabik</i> , Slovakia MDF compositions based on Portland cement, chemistry & technology aspects
9 ⁴⁵ <i>A. Fernandez-Jimenez, A. Palomo</i> , Spain Alkali activation of fly ashes: Mechanisms of reaction	9 ³⁰ <i>A.-M. Poppe, G. De Schutter</i> , Belgium Heat of hydration model for filler rich cementitious systems	9 ⁴⁵ <i>V. Mechtcherine</i> , Germany Development and testing of quasi-ductile cementitious composites
10 ⁰⁰ <i>M. Weil, K. Dombrowski, A. Buchwald</i> , Germany Development of geopolymers supported by systems analysis	9 ⁴⁵ <i>S. Sato, Y. Masuda</i> , Japan Strength development of concrete using ground granulated blast furnace slag under various temperature conditions	10 ⁰⁰ <i>L. Kucharska, D. Logon</i> , Poland Influence of the composition of matrices in HPFRCC on the effects of their ageing
10 ¹⁵ <i>A. Buchwald, K. Dombrowski, M. Weil</i> , Germany Evaluation of primary and secondary materials under technical, ecological and economic aspects for the use as raw materials in geopolymeric binders	10 ⁰⁰ <i>B. Uzal, F. Bektas, L. Turanlı</i> , Turkey Effect of chemical activation on consistency and compressive strength of superplasticized mortars made with blended cements containing large amounts of natural pozzolan	10 ¹⁵ <i>D. Saje</i> , Slovenia Prediction model of 28 day compressive strength of high strength concrete
10 ³⁰ Coffee break	10 ¹⁵ <i>Z. Bazantova, D. Dobias, S. Modry</i> , Czech Republic Performance of cement mortars with admixed ground bricks	10 ³⁰ Coffee break
11 ⁰⁰ <i>P. V. Krivenko, S. G. Guziy, T. G. Titarenko</i> , Ukraine Flameproof alkaline portland cements, the modified thermo activated alumina- and magnesiumsilicate additives, and betons on their base	10 ³⁰ Coffee break	11 ⁰⁰ <i>H. Xu, S. Mindess</i> , Canada Effects of polymers on steel reinforced round concrete panel under impact loading
11 ¹⁵ <i>P. Rovnanikova, P. Rovnanik, P. Bayer, H. Nohelova</i> , Czech Republic Properties of alkali-activated aluminosilicate materials after thermal loading	11 ⁰⁰ <i>N. De Belie, Ch. Grosse, G. Baert</i> , Belgium, Germany Setting and hardening behaviour using ultrasound and compressive strength development of concrete with different replacement levels of cement by fly ash	11 ¹⁵ <i>A. Bajza, I. Rousekova, J. Ugorcakova</i> , Slovakia Migrating corrosion inhibitor for steel reinforcement protection
11 ³⁰ <i>P. Rovnanik, P. Bayer, P. Rovnanikova</i> , Czech Republic Role of fibre reinforcement in the thermal loaded alkali-activated aluminosilicate composites	11 ³⁰ <i>Y. Masuda</i> , Japan Carbonation of concrete using low heat type cement	11 ³⁰ <i>M. Jirickova, E. Mnahoncakova, D. Stoklasova, R. Cerny</i> , Czech Republic Measurement of heat, moisture and salt transport and storage properties of HPC
11 ⁴⁵ <i>T. M. Petrova, A. V. Poletaev, N. A. Dzashi</i> , Russia Durability of slag-alkaline concretes	11 ⁴⁵ <i>T. Durica, P. Brauner, E. Trepakova, M. Spak</i> , Slovakia Mortars based on non-traditional admixtures	11 ⁴⁵ <i>Z. Pavlik, L. Fiala, R. Cerny</i> , Czech Republic Determination of Chloride Diffusion Coefficient in Cement Paste and Cement Mortar using Methods of Inverse Modeling
12 ⁰⁰ <i>F. Puertas, M. Palacios, A. Gil-Maroto</i> , Spain Carbonation process of alkali-activated cements and mortars	12 ⁰⁰ <i>F. Pernica, M. Chroma, B. Teply</i> , Czech Republic Blended cements and durability and reliability characteristics of concrete structures	12 ⁰⁰ <i>V. Corobceanu</i> , Romania Effect of fibers introduced in concrete on durability of prestressed concrete elements
12 ¹⁵ <i>P. V. Krivenko, A. G. Gelevera, O. N. Petropavlovskii, E. S. Kavalerova</i> , Ukraine Effectiveness of metakaolin in preventing alkali-silica reaction in alkaline cements	12 ¹⁵ <i>B. Humpola</i> , Australia Using light testing method for the evaluation of cement and admixtures performance in concrete - experience in South East Asia	12 ¹⁵ <i>R. Korzeniowski</i> , Poland Analysis of the effect of carbonation on moisture, temperature and stress distributions in RC structures
12 ³⁰ Lunch	12 ³⁰ Lunch	12 ³⁰ Lunch
14 ⁰⁰ <i>M. Palacios, F. Puertas</i> , Spain Influence of shrinkage-reducing admixture on the activation process and properties of alkali-activated slag cements and mortars	14 ⁰⁰ <i>Th. Stanek</i> , Czech Republic Belite clinker	14 ⁰⁰ <i>B. L. Karihaloo, H. M. Abdalla</i> , United Kingdom A simple method for the determination of the true specific fracture energy of concrete
14 ¹⁵ <i>J. Deja, J. Malolepszy</i> , Poland Influence of slag composition on properties of alkali activated slag-metakaolin pastes and mortars	14 ¹⁵ <i>M. Palou</i> , Slovakia Hydration Characteristics of C ₂ AS-C ₂ S-C ₄ A ₃ S-CS-C system	14 ¹⁵ <i>M. Vorechovsky, Z. P. Bazant, D. Novak</i> , Czech Republic, U.S.A. Combined size effect for crack initiation problem: interplay of length scales
14 ³⁰ <i>P. V. Krivenko, O. M. Petropavlovskii, M. A. Mokhort, G.V. Voznuk</i> , Ukraine Alkaline cement for glueing building facing materials	14 ³⁰ <i>H. Y. Ghorab</i> , Egypt The ettringite formation in the C ₄ AF-gypsum-water system	14 ⁴⁵ <i>J. Jerabek, R. Chudoba, P. Konvalinka</i> , Czech Republic Stochastic simulation of textile-reinforced concrete using the chain of interacting crack bridges
14 ⁴⁵ <i>J. Kratky, J. Brandstetr, T. Opravil, M. Sotek, H. Szklorzova</i> , Czech Republic Chemical admixtures used in the various clicker-free concretes	14 ⁴⁵ <i>M. Kawamura, T. Kodera</i> , Japan Changes in composition of ASR gel and the suppression of expansion in mortars immersed in LiOH solution	15 ⁰⁰ <i>D. Novak, J. Knezek</i> , Czech Republic Cement-based composites: Statistical modelling of experiments
15 ⁰⁰ <i>S. Stoleriu, I. Teoreanu</i> , Romania Hardening process studies for cementitious matrial - pozzolana - activator binding systems	15 ⁰⁰ <i>J. Gebauer, S.-Ch. Ko, A. Lerat, J.-C. Roumain</i> , Switzerland Experience with two new cements for special applications	15 ¹⁵ <i>S. Leonovich</i> , Belarus Fracture Mechanics of Self-Stressed Concrete
15 ¹⁵ <i>L. B. Svatovskaya, M. N. Latutova, N. I. Yakimova, T. S. Titova, A. V. Khitrov, D. V. Gerchin, E. V. Krukova, N. B. Krylova</i> , Russia Phosphate materials for building, decorating and ecology problems	15 ¹⁵ Coffee break	15 ³⁰ Coffee break
15 ³⁰ Coffee break	15 ⁴⁵ <i>H. Szklorzova, J. Brandstetr, J. Kratky</i> , Czech Republic Reactivity of superplasticizers with cements and mineral admixtures	16 ⁰⁰ <i>S. Toutanji</i> , U.S.A. New Composite Materials for Civil Engineering Application
16 ⁰⁰ <i>J. Malolepszy, J. Deja</i> , Poland Influence of sulphate additives on the process of granulated blast furnace slag activation	16 ⁰⁰ <i>H. Kucerova, Ch. Rößler</i> , Czech Republic, Germany The influence of superplasticisers on the hydration and fluidity of portland cement in dependence of alkalisulfate content	16 ¹⁵ <i>I. Janotka, S. Kiss, V. Papajova</i> , Slovakia Cement-based filler fixed between two geotextile layers (GCBL) for mechanical and corrosion protection of pipe-lines
16 ¹⁵ <i>J. Orlowski, D. Leszczewski, M. Leszczewski, S. Braiczenko, T. Sznal</i> , Poland, Ukraine Physico-chemical modification of sulfur binder by dicyclopentadiene and its role in highten fire-resisting of sulfur concretes	16 ¹⁵ <i>E. S. Kavalerova</i> , Ukraine Global sustainable development and cement industry	16 ³⁰ <i>H. Y. Ghorab, H. E. H. Ahmed</i> , Egypt The suitability of Egyptian aggregates for concrete manufacture
16 ³⁰ <i>E. Ganjian, P. Claisse, M. Tyrer, A. Atkinson</i> , United Kingdom Red gypsum in controlled low-strength material (CLSM)	16 ³⁰ <i>P. V. Krivenko, O. M. Petropavlovskii, A. G. Gelevera, N. N. Zhukov</i> , Ukraine Immobilizing properties of alkaline cementitious systems	16 ⁴⁵ <i>H. Y. Ghorab, A. Anter, H. El-Miniyaw, S. F. M. El-Deghadi</i> , Egypt Local materials for non-traditional construction: Stabilization of soil and industrial wastes
16 ⁴⁵ <i>E. Chinkevitch, E. Lutskin, N. Sidorova, S. Polutkin, G. Bondarenko</i> , Ukraine Modified non-autoclave hardened siliceous materials. Structure, mixture, properties		17 ⁰⁰ <i>J. Lukas</i> , Czech Republic First steel-concrete footbridge with high strength self-compacting concrete C 80/95 in the Czech Republic
17 ⁰⁰ <i>E. Chinkevitch, E. Lutskin, Yu. Tchesskii, V. Vinogradskii</i> , Ukraine Researches and mathematic modelling structure and properties of cellular silicat compositions	17 ⁰⁰ Departure of bus, Castle Evening	17 ¹⁵ <i>V. Bilek</i> , Czech Republic Experience of using slag alkaline concrete in Czech Republic
19 ⁰⁰ Dinner honouring to P.-C. Aitcin – launching of the Czech version of the book High Performance Concrete		17 ³⁰ Closing of the symposium
		19 ⁰⁰ Farewell party

Poster presentation

V. Bílek, Czech Republic

Concrete with human face

S. Modrý, Czech Republic

Mitigation of AAR in cement mortars by lithium salts

M. Jirickova, E. Mnahoncakova, R. Cerny, Czech Republic

Moisture Transport and Storage Properties of Cracked

High Performance Concrete

Corobceanu Vladimir, Răzvan Giușcă, Romania

Techniques used in determining the quality of concrete

L. Routil, V. Vesely, Z. Kersner, Czech Republic

Experiments and Statistical Modelling of Prestressed

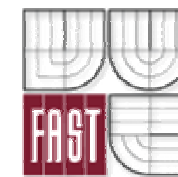
Railway Sleepers

Program for accompanying persons

Simultaneously with the symposium program a program for accompanying persons is being prepared which include sightseeing tours around Brno itself and trips around castles and the scenery in the vicinity of Brno.

2-day post symposium trip

will be organised to some lovely area in our country called Český ráj (Bohemian Paradise). This area is rich in castles, chateaux, and natural beauty spots (Rock Towns). The return will be possible to Brno or to Prague (airport). The price of the post-symposium trip will be 100–120 €.



in cooperation with



Preliminary program of
2nd International Symposium

Notice

Late acceptance of papers for poster presentation is still possible.

Symposium fee

Registration fee	330 EUR
Students and developing country	230 EUR
Accompanying persons	80 EUR

About Symposium

The 2nd International symposium ***Non-Traditional Cement and Concrete*** will be held from 14th to 16th June 2005 in Hotel Continental Brno, Kounicova 6, 602 00 Brno, Czech Republic (www.continentalbrno.cz).

Accommodation

As the symposium will be held at the Hotel Continental Brno*** the accommodation in this hotel is recommended. Special symposium fees will be available if you write "NTCC 2005" on the hotel registration form into "special requirement" column.

Way of payment

Bank: Československá obchodní banka
Address: Milady Horákové 6
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Account No.: 111044081/0300
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IBAN: CZ3003000000000111044081
Swift code: CEKO-CZ-PP
Full name of organization:
Vysoké učení technické v Brně

Please send copy of payment.

Non-Traditional Cement and Concrete



14th – 16th June 2005
Brno, Czech Republic

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