



МИНИСТЕРСТВО
РЕГИОНАЛЬНОГО РАЗВИТИЯ
Российской Федерации



CONCRETE AND REINFORCED CONCRETE – GLANCE AT FUTURE

May 12 – 16, 2014, Moscow, the III All-Russian (International) Conference on Concrete and Reinforced Concrete.

Russian Academy of Science, Ministry of Construction, Russian Engineering Academy, Association for Structural Concrete and other public organization take herewith the pleasure of inviting you to attend the 3rd (12) All-Russian Conference on Concrete and Reinforced Concrete. Conferences of such scale had been held regularly in the former USSR within more than 80 years. The latest one was held in 2005 in the City of Moscow.

Reinforced concrete dominates the contemporary Russian market of building materials. This sphere of public economy involves over three thousand industrial enterprises, hundreds of project and design institutes and test laboratories, dozens of university and R&D faculties, two specialized R&D institutes. Specialists working in the field outnumber one million.

The activities of this impressive in size and qualification family of engineers have in recent times been disintegrated. Therefore an extensive discussion is needed for the accumulated problems.

We hope that the 3rd All-Russian Conference will raise a comprehensive assembly of researchers and practitioners.

In order to provide cooperative basis for the Russian and the world experience, we have invited as general reporters, recognized Russian pro-

professionals as well as leaders of the largest international organizations: RILEM, fib, ERMCO, BIBM, EFCA, CEN, etc. We also expect guests from the Commonwealth of Independent States.

Apart from plenary sessions, the work of the Conference will include section activities and various seminars; participants will be awarded with qualification certificates.

CONFERENCE THEMES

- General problems of materials science.
- Concrete technology problems.
- Binders and admixtures for concrete.
- Special concrete and composites.
- Ready mix concrete in construction.
- Precast concrete and factory technology.
- Reinforced concrete structures of buildings and edifices, methods of analysis and designing.
- Steel and non-metal reinforcement: tendencies and prospects.
- Reinforced concrete in bridge-building and transport construction.
- Concrete and reinforced concrete in the architecture.
- Reinforced concrete in seismic construction and development of underground space.
- Problems of durability for the concrete and reinforced concrete.
- Restoration and rehabilitation of reinforced concrete buildings and structures.
- Testing methods for materials, systems and structures.
- Development of standardization and certification.
- Environmental aspects of application of concrete and reinforced concrete.
- Reinforced concrete use as the factor of sustainable development of construction.

SEMINARS AND ROUND TABLES

- Quality control of concrete works on a building site.
- Concrete mix design in dependence with the service conditions of reinforced concrete structures.

- New codes and designing rules for reinforced concrete structures.
- Features of construction of high-rise buildings.
- Energy saving at the precast concrete plants.
- Modern physical and chemical methods of building materials study.
- Nanomaterials and nanotechnologies in concrete.
- International co-operation in field of concrete and reinforced concrete.

The Conference will offer valuable opportunities for business contacts. For these purposes the Organizers have elaborated an extensive program for informal communication: business lunches, banquets, tours, theatres and other activities. We welcome you to the Host-City of the Conference – Moscow, the capital of Russia and its the most dynamically developing centre.

Moscow will surprise you with the paradoxical variety and, at the same time, unique harmony, of architectural styles: the ancient grandeur of the Kremlin viewed from the Moskva River embankments and the quiet elegance of the 19th century streets, still untouched homeliness of the 18th century merchant residences and the busy common sense of modern avenues. Churches and chapels, like gems, will open their heart to a true connoisseur. Museums and art galleries of Moscow will satisfy your interest in Russian history, fine and folk art, reveal the untold wealth of the Russian Crown, add the new knowledge of European and Oriental art to you, and give you insight into contemporary tendencies in painting and sculpture.

You will see Moscow in its live tradition. The latest sights attractions like the Cathedral of Christ the Savior, the Memorial on Poklonnaya Hill, the grand shopping center under the Manezhnaya Square, the Moscow-City Office center – these are the marks of change and continuity, the triumph of new technologies, symbols of new Russia.

Over 1000 restaurants will offer you a broad variety of world cuisine to help you feel the exotic atmosphere of the place, or feel at home as you wish. At night leisure centers and clubs will keep their doors open all nights.

The Organizing Committee hopes that the Conference, apart from being a source of new information and connections, will be remembered as a good time spent in a beautiful place.

VISITS TO:

- Kremlin museums (the Armory, the Diamond Fund, the Cathedral Square).
- Novodevichy Monastery.
- Tsaritsyno Palace (unfinished baroque palace of Katherine II).
- Kolomenskoe museum-reserve (16th century church, museum of wooden architecture, ancient oaks).
- Tret'yakov Art Gallery.
- The Battle of Borodino Panorama-Museum.
- Sightseeing bus tour around night Moscow.
- Theatres (the Bol'shoy Theatre, the Kremlin Palace of Congresses, the Circus).
- Boat cruise down the Moskva and Volga Rivers.
- The Golden Ring tour (Suzdal', Vladimir etc.).
- Visit to St. Petersburg.

The Conference will be supported with a specialized exhibition and contest for the best achievement in concrete and reinforced concrete. Winners will be awarded with special diplomas.

Please make sure that your applications for participation in exhibition and contest materials will arrive no later than March, 14, 2014. On arrival, they will be submitted to competition.

For further information about the Conference, Exhibition and Contest, please contact with the Executive group:

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We believe that the Conference will become a landmark event and start a new era in the development of concrete and reinforced concrete technologies in Russia.

*Chair of Organizing Committee,
RAS corresponding member*



B. Gusev

Information support of the III All-Russian (International) Conference on Concrete and Reinforced Concrete «Concrete and Reinforced Concrete – Glance at Future» are provided by the leading branch mass media. Among them you can find the Scientific Internet-Journal «Nanotechnologies in Construction».

