

## CONFERENCE REPORT

An International Conference “Geotechnical Challenges in Megacities” (GeoMos2010) was held in Moscow, Russia, from 7 to 10 of June, 2010, under the auspices of ISSMGE and its Russian daughter-society with co-sponsorship of 5 Technical Committees of ISSMGE.

The organizers and general sponsors of GeoMos2010 were the Gersevanov Research Institute of Bases and Underground Structures (NIIOSP), Moscow and NPO “Georeconstruction-Fundamentproject” (GRF), Saint-Petersburg. Technische Universität Darmstadt was another general sponsor. There were 8 other sponsors.

The Conference was attended by ISSMGE President Professor Jean-Louis Briaud, by Secretary General Professor Neil Taylor, by Past Presidents Professors P. Pinto and M. Jamiolkowski and many other prominent professionals. Total amount of participants was 264.

One of the aims of GeoMos2010 was to strengthen the ties between local and international professionals; that is why the Conference was declared bi-lingual (English and Russian). The simultaneous translation was provided for all the sessions of GeoMos2010, and the papers in the Conference Proceedings were published in either language at the author’s will.

GeoMos2010 was preceded by the first meeting of the newly elected ISSMGE Board and the sponsoring TC meetings on June, 6.

During the conference 14 lectures were delivered by famous researchers: V. Petrukhin and M. Jamiolkowski (Keynote lectures); J.-L. Briaud, H. Brandl, R. Katzenbach, R. Frank, H. Schweiger, R. Kastner, G. Viggiani, V. Ulitsky, P. Pinto, I. Vaníček, K. Pitilakis and A. Negro (Invited lectures). For oral presentation in two parallel sessions 67 papers were selected also. Published papers were reviewed in 6 general reports (each of them presented by two co-reporters working with papers in Russian and English correspondingly).

The conference scope embraced multi-directional and multi-disciplinary themes: “Construction in restrained urban areas” (topics — “Foundations for high-rise buildings”, “Deep excavations, retaining structures, diaphragm walls”, “Tunnels for underground transport infrastructures and networks” and others), “Preservation of existing structures & soil-structure interaction” (topics — “Effect of new buildings and constructions on underground structures”, “Effect of new underground structures on existing buildings and networks”, “Preservation of historical buildings” and others) and “Urban environmental geotechnics” (topics — “Geofailures & risk assessment”, “Geological risks in urban planning”, “Construction on contaminated soils”, “Geotechnical sustainability” and others). A number of social events were held to provide opportunities for GeoMos2010 participants to communicate, relax and get good impression of old and new Moscow.

Three days of sittings were concluded by 2 parallel technical visits, the first to Moscow-City Business-Center, the site of many new high-rises, and the second to the site of underground construction at “Sokol” station of Moscow Metro.

The conference was accompanied by Technical exhibition that showed 17 companies from 4 countries.

The Conference Proceedings include 5 volumes, the first being devoted to lectures (12 in English, 2 in Russian), the next two including 119 papers in English and the rest two including 125 papers in Russian. The authors represented 51 countries of all the inhabited continents; the total amount of pages exceeds 2000.

The work of the conference was highlighted by Russian technical journals, magazines and newspapers.



Chairman of the Organizing Committee Professor Petrukhin, NIIOSP director, and ISSMGE Past Presidents Professor Pinto at GeoMos2010 opening



ISSMGE Vice-President for Europe Professor Ivan Vaníček at Technical visit



ISSMGE President Professor Jean-Louis Briaud aided by interpreter sharing his impressions of GeoMos2010 in two languages