

## WITH THE PARTICIPATION OF THE RUSSIAN ACADEMY OF ENGINEERING THE SCIENTIFIC CONFERENCE ON ASEISMIC CONSTRUCTION HAS BEEN HELD (WITH THE INTERNATIONAL PARTICIPATION)

**O**n the 1<sup>st</sup> and 2<sup>nd</sup> December, 2016 on the basis of JSC Research Center «Stroitelstvo» Scientific Conference on Aseismic Construction has been held (with the International Participation). The organizers of the conference were JSC Research Center «Stroitelstvo», the Russian Academy of Engineering (RAE), the Russian Academy of Architecture and Construction Sciences (PAACS) with support and participation of the Russian Academy of Sciences (RAS) and Russian association on aseismic construction and protection against natural and technogenic influences. The main media partner of the conference was the journal «Aseismic Con-





struction. Safety of Constructions», media sponsors were The Bulletin of Research Center «Stroitelstvo», «The Engineering Newspaper», «The Construction Newspaper».

In total 168 delegates registered for participation in the conference. Not only Russian scientists and specialists, but also the representatives from the near and far-abroad countries such as Taiwan, Kazakhstan, Uzbekistan, Azerbaijan, and Armenia shared results of their research in the field of aseismic construction. Participants from many regions of the Russian Federation, from the Sakhalin island to Kaliningrad, arrived at the conference too. Not only the famous scientists in the field of aseismic construction among whom there were leading researchers, experienced designers, engineers, but also the future of the Russian science i.e. young scientists and graduate students arrived to get acquainted with the latest scientific achievements.

The conference commemorated Vladimir Iosifovich Smirnov, one of scientists who worked within the recent years in the field of research and development of technical solutions and design for buildings and structures with systems of seismic isolation, analytical methods of research to control earthquake response of buildings, development of adaptive systems of seismic protection, optimizing design for strengthening and reconstructing existing buildings.

In his welcoming speech the honorary member of the Russian Academy of Architecture and Construction Sciences *Ya.M. Ayzenberg* expressed hope







that the conference would become a tribute to the memory of the expert and scientist, who had passed away so early. The participants of the conference honored V.I. Smirnov's memory with a minute of silence.

64 participants of the conference presented their papers. Plenary papers of the leading experts in the area of aseismic construction and session papers on the main topics of the conference were delivered:

- issues of interaction between construction and soil in earthquake zones;
- theoretical and pilot studies in the field of seismic stability;
- seismic isolation and other innovative technologies of earthquake protection for buildings and structures;
- technical control and design regulations.

The draft of review of the joint venture 14.13330.20XX. «Construction in Seismic Countries. Construction Norms and Regulations of II-7-81\*» (final version) presented at the conference and prepared by the staff of the Research Center on seismic stability of constructions drew special attention and caused lively discussions.

*Gusev B.V., Saurin V.V., Smirnova L.N., Belyaev V.S., Tyapin A.G., Bubi-sa A.A., Hakimov Sh., A. Kabantseva O.V., Semenov V.A., Katyushina V.V.* presented their plenary papers at the conference. The papers and presentations were of great interest to the participants.





The papers submitted by scientists and experts of the Taiwan delegation aroused profound interest: Professor *Yu-Chi Sung*, Doctor *Fu-Pei Hsiao*, Doctor *Kuang-Yen Liu*, Doctor *Ren-Zuo Wang*, Doctor *Chun-Chung Chen*. The presenters spoke about the Taiwan National Research Center for aseismic construction (National Center for Research on Earthquake Engineering), about the earthquake which occurred on February 6, 2016 and its consequences, and also shared the results of the scientific pilot studies.

Summing up the results of the conference, one of the organizers, the president of the Russian Academy of Engineering, the Head of the Research Centre on seismic stability of constructions of V.A. Kucherenko CSRIBS of JSC Research Center «Stroitelstvo» *B.V. Gusev* emphasized its high scientific level, thanked the participants for outstanding papers as well as active and fruitful work.

Following the results of the conference the delegates highly assessed the efforts and commitment of its organizers.

**The decision to develop the program of the XII Russian National Conference On Aseismic Construction which will be held in September, 2017 in Yalta has been made.**

