

B.V. GUSEV INTERNET-JOURNAL «NANOTECHNOLOGIES IN CONSTRUCTION» IS 5 YEARS OLD!



GUSEV Boris Vladimirovich,

Editor-in-Chief of Electronic Edition «Nanotechnologies in Construction: A Scientific Internet-Journal», Co-chair of the Higher Engineering Council of Russian Federation, President of Russian and International Academies of Engineering, Associate Member of RAS, Expert of RUSNANO, Doctor of Engineering, Professor

Gazetny per. 9, bld. 4, Moscow, 125009, Russia, e-mail: info-rae@mail.ru

THE OPPORTUNITY TO PUBLISH RESEARCH RESULTS IN ELECTRONIC EDITIONS IS OF GREAT INTEREST FOR SCIENTIFIC COMMUNIT

(INTERNET-JOURNAL «NANOTECHNOLOGIES IN CONSTRUCTION» IS 5 YEARS OLD!)

Internet-Journal «Nanotechnologies in Construction» has been issued regularly for five years and has received positive feedback from both Russian and foreign specialists. The edition has been included in the list of the leading peer-reviewed journals and editions of Higher Certification Commission of RF of the Ministry of Education and Science of the RF, in the system of the Russian Index of Scientific Citation (RINZ); International standard serial numbering, Ulrich's Periodicals Directory, Chemical Abstracts Service and other international citation systems (data bases). According to scientific electronic library the impact factor of RINZ-2012 of the Internet-Journal «Nanotechnologies in Construction» is at the level of the leading editions from construction area (0,352).

Brief results of edition's becoming and development are given below. We are very grateful to all who took part and participates in the work of edition!

Key words: Internet-Journal, Higher Certification Commission of RF, Russian Science Citation Index, Nanotechnologies in Construction, nanotechnological production, nanoindustry.





he electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» is registered as an independent mass media in the Ministry of Communication and Mass Media of The Russian Federation. (Registration Certificate Эл № ФС77 – 35813 by the Federal Service on Supervision in the Sphere of Connection and Mass Communications) шт 2009.

The main aim of the electronic edition is to provide information support for the creation and implementation of science intensive technologies (especially nanotechnological products) in the construction industry.

The creation and use of electronic scientific editions took on special significance as the preferred method of scientific communication in education and science. The opportunity to publish the research results in electronic editions, especially on the internet, are of great interest for candidates for sciences and for the scientific community as a whole.

The Electronic Edition «Nanotechnologies in Construction: A Scientific Internet-Journal» has been included in the list of the leading review journals and editions in which the basic results of Ph.D. and Doctoral Theses are to be published. (The decision of Presidium of the Highest Certification Committee of Ministry of Education and Science of Russian Federation of 19 February 2010, N_{2} 6/6)

The editors of Internet-Journal «Nanotechnologies In Construction» have established and maintain the cooperation with RUSNANO: there is information about the projects undergone theoretical and practical examination in RUSNANO on the pages of edition; the column «RUSNANO Projects» has been launched; materials on the events organized by RUSNANO are published.



The major success in promotion of nanotechnologies and nanomaterials in construction was the contract with RUSNANO signed by Russian Academy of Engineering and consulting company «Booz & Co.» in 2011. The contract provided the performance of the technological research «Development of Russian market of nanotechnological products in construction until 2020».

The Electronic Edition «Nanotechnologies in Construction: A Scientific Internet-Journal» is becoming more and more widespread. The journal has been included in the system of the Russian Index of Scientific Citation. The basic information within the articles is published at the website of the Scientific Electronic Library (www.elibrary.ru) therefore allowing greater access to a larger audience of readers. The Internet Journal is registered in the ISSN Register (International Standard Serial Numbering Register) and is included in the International Periodic Editions database (IPEDB) of the ISSN International Center in Paris, France, Ulrich's Periodicals Directory, Chemical Abstracts Service and in other international citation systems (data bases).

The Scientific Internet Journal «Nanotechnologies in Construction» and Internet-portal NanoNewsNet jointly held the 1st-6st International theoretical and practical online-conference «Application of Nanotechnologies in Construction Industry». Online-conference — the event taking place in the predetermined period of time. At that it is possible to hold the conference in such a way when questions are asked in advance or only when organizers are at the website. Information on International Theoretical and Practical Online-conference «Application Of Nanotechnologies In Construction Industry» was published at Federal Internet portal «Nanotechnologies andnanomaterials» (www.portalnano.ru), organizers' Internet resources (www.nanonewsnet.ru, www.nanobuild.ru), at websites of the following organizations: Russian Engineering Academy (www.rae-info.ru), National Research University «Moscow State University of Civil Engineering» (www.mgsu.ru), Department of Urban Planning Policy of Moscow (www.stroinauka.ru) and other.

For industrial professionals such conference is in fact a virtual roundtable discussion. It is the place where colleagues not depending on their geograph ical location can directly get information on the topics most people of this sphere interested in. One of the advantages of online-conference is that it doesn't require finance and that is of great importance considering the current economic conditions.



Russian leading scientists and specialists of Russian Academy of Sciences, Russian Academy of Engineering, Russian Academy of Architecture and Construction Sciences, ROSNANO, Scientific and Technical Center of Applied Nanotechnologies (Saint-Petersburg), International Academy of Engineering, International Union of Experts and Laboratories on Testing Construction Materials, Systems and Structures (RILEM), chiefs and specialists of different organizations and enterprises, scientists, lecturers of universities, research officers of scientific institutions from different Russian regions and foreign countries took part (the USA, Israel, Germany, Great Britain, China, Kazakhstan, Ukrain, Belarus etc.) in this online-conference.

There is an increase in the number of events in which the Scientific Internet-Journal «Nanotechnologies in Construction» takes part and for which it provides information support. Among these events include:

- The International exhibition BATIMAT (France, Paris);
- The International specialized exhibition «Nanotechnologies» and International Theoretical and Practical Conference on «Nanotechnologies and Nanomaterials in Industry» (Kazan);
- An International symposium entitled «Nanomaterials for Industrial and Underground Structures Protection» and an International conference entitled «The Physics of Solid Body» (East Kazakhstan, Ust-Kamenogorsk);
- Theoretical and Practical Conference on «Nanotechnologies in Construction» (Moscow);
- International conference with elements of scientific school for young scientists «Ceramics and Refractories: Perspective Solutions and Nanotechnologies» (Belgorod Shukhov State Technology University, Belgorod);
- The Theoretical and Practical Conference on «Nanotechnologies for Production» (Fryazino, Moscow region);
- International Cement Trade Conference (Turkey, Istanbul);
- National Assembly «Construction of Russian Regions. Nanotechnology in Construction» (Moscow);
- Contest for award of Skolkovo innovations endorsed by Cisco I-Prize;
- International forum on nanotechnologies RUSNANOTECH (Moscow);
- Skolkovo Summit of the creators of innovative economy etc.



Internet-Journal «Nanotechnologies in Construction» — official information partner of the 4th International Symposium on Nanotechnologies in Construction NICOM4 (Agios Nikolaos, Greece).

Among the participants and guests at these events there were: directors and specialists of organizations and enterprises, scientists, lecturers, research officers of research centers from different regions of Russia and other countries which rated highly in the scientific and technical sophistication of their materials, and the quality of their information represented in the edition.

For the active participation in promotion of nanoindustry's products, high work mobility of the editorial staff, active participation in the events on nanoindustry and applied questions of nanotechnologies being of great scientific and practical importance, scientific Internet-Journal was recognized as the laureate of the national prize «Russian Olimpus of













High Technologies – 2013», as the laureate of the All-Russian prize in the sphere of innovation activity «Innovation Time-2012», as the laureate of the National award «Russian Construction Olympus-2010» and National contest «Stroymaster-2011»; was rewarded with the sign «Engineering Valour»; was marked by diplomas, certificates and gratitudes from different professional and public organizations and events organizers. Among them are: International Forum on Nanotechnologies Rusnanotech, National Association of Nanoindustry, Russian Community of Construction Engineers, International Exhibition «CityBuild. Construction of the Cities», Moscow Department on Science and Technologies, Bashkir State University, contest «Skolkovo Innovations Award supported by Cisco I-PRIZE», International «Cement Trade Conference» (Turkey, Istanbul), International Construction Forum «SOCHI-BUILD», Skolkovo Summit of the creators of innovative economy, the 4th International Symposium on Nanotechnology in Construction (NICOM4), the International exhibition BATIMAT (France, Paris) etc.

It would be impossible to be success in establishment and development of electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» without the help of editorial council's and editorial board's members, directors and specialists of our partner organizations, high quality of authors' materials, our employees' active work. When we see that our common efforts are implemented in a real life, that becomes the most precious award for the work we have done.

The editors, Editorial Board and Editorial Council are grateful to all who took part in the work of electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» and we hope for further cooperation.