

**GUSEV Boris Vladimirovich,**

Editor-In-Chief of Electronic Edition «Nanotechnologies in Construction: A Scientific Internet-Journal», Corresponding Member of RAS, President of Russian Academy of Engineering and International Engineering Academy, Honored Scientist of RF, Laureate of USSR and RF State prizes, Doctor of Engineering, Professor, Russian Engineering of Academy; 125009, Russian Federation, Moscow, Gazetny per., block 9, bld.4, e-mail: info-rae@mail.ru

## **INTERNET-JOURNAL «NANOTECHNOLOGIES IN CONSTRUCTION»: ACHIEVEMENTS IN 2013**

---

**It is a custom to review everything that has been done at the end of the Old Year. The year 2013 was full of bright and substantial events in development of Internet-Journal «Nanotechnologies in Construction». Let's briefly consider some of them.**

**Ключевые слова:** Internet-Journal «Nanotechnologies in Construction», RUSNANOTECH, NICOM, BATIMAT.

**I**nternet-Journal «Nanotechnologies in Construction» is more and more spreading, the number of international events in which the edition takes part and which it supports is also increasing. These are: International «Cement Trade Conference» (Turkey, Istanbul), International Skolkovo Summit for Creators of Innovative Economics, International Forum on Nanotechnologies RUSNANOTECH (Russia, Moscow), 4th International Symposium on Nanotechnology in Construction NICOM4 (Greece, Agios Nikolaos), 3 ensign construction exhibitions in 2013 – BATIMAT, INTERCLIMA+ELEC and IDEO BAIN (France, Paris) et al. That resulted in expansion of geography of authors and rise of the barest necessity to consult them on their publications. Therefore having responded the editors' call, the leading scientists and experts (which have been cooperating with our edition for a long time) kindly agreed to become the part of the editorial council and editorial board and to work with them:

**FIGOVSKY Oleg L'vovich** – Full Member of European Academy of Science, Forein Member of RAE and RAACS, Editor-in-Chief of SITA, OCJ и RPCS, Director of «Nanotech Industries, Inc.» (USA), and Director of International Nanotechnological R&D Center «Polymate» (Israel), President of IAI, Chairman of the UNESCO Chair «Green Chemistry, Golden Angel Prize's Laureate, USA, Israel;

**Surendra P. SHAH** – Professor of Civil Engineering in Walter P. Murphy University, and Director of the pioneering, internationally recognized National Science Foundation Science and Technology Center for Advanced Cement-Based Materials (ACBM) at Northwestern University, Evanston, IL., USA, Honorary Professor at Hong Kong Polytechnic University and Honorary Professor at L'Aquila University and the Indian Institute of Technology (Mumbai, India), USA;

**Prof. Peter J.M. BARTOS** – The Queen's University of Belfast, UK, Chair of RILEM Technical Committee TC 197-NCM on Nanotechnology in Construction Materials (2002–2009), former Head of Scottish Centre for Nanotechnology in Construction Materials (University of West Scotland), UK;

**SOBOLEV Konstantin Gennadievich** – Chairman of Technical Committee ACI 236D on Nanotechnologies in Concrete, Associate Professor of University of Wisconsin-Milwaukee, USA.

As it was mentioned, the edition's audience has broaden in 2013. The leading Russian and foreign scientists and specialists have published their papers devoted to the wide range of issues in the edition. These are the people who intensively cooperated with the editors:

**FALIKMAN Vyacheslav Ruvimovich**, Full member of REA, RILEM National Delegate in Russian Federation, Member of RILEM Bureau, First Deputy Chair of TC 465 «Construction» of Rosstandart, Professor of MSUCE;

**SMIRNOV Vladimir Alexeevich**, Ph.D. in Engineering, Associate Professor, Leading Research Officer of the Research and Educational Center «Nanotechnology», Penza State University of Architecture and Construction;

**AYZENSTADT Arcady Mikhailovich**, Doctor of Chemistry, Professor, Head of Composite Materials and Engineering Ecology Department, Honored Worker of Higher Education of the Russian Federation, Northern (Arctic) Federal University named after M.V. Lomonosov, Institute of Construction and Architecture, Department of Composite Materials and Engineering Ecology;

**Dr.-Ing. Steffen LEISTNER** is a Partner with Booz & Company, and leads its business Russia and the CIS, has 20 years' experience in consulting with Booz & Company focusing on the telecommunications and high tech industries. Dr Leistner holds a PhD in engineering from University Bergakademie Freiberg in Germany, and an MBA from Harvard Graduate School of Business Administration in the USA;

**IVASYSHIN Henrich Stepanovich**, Doctor of Engineering, Professor, Academician of Russian Engineering Academy, Head of Pskov Branch of REA, Pskov State University, Faculty of Mechanics and Machine Building, The Educational and Research Center of Innovative Tribology;

**Benny YOSHPA** is a Senior Associate from Booz & Company's Moscow office, has above 10 years of experience in various areas of high tech industries as a strategy consultant, a technology expert and a manager of emerging technology development program. Benny holds MSc in Computer Sciences from Technion (Israel) and MBA from INSEAD (France/Singapore);

**PETUSHKOV Alexander Vladimirovich**, Engineer, Advisor of the Managing Director of RUSNANO, Senior Member of RILEM;

**LYNKOV Leonid Mihailovich**, Doctor of Engineering, Professor, Head of the Department «Information Security» Belarussian State University of Informatics and Radioelectronics (Minsk, Belarus) et al.

**In 2013 the editors made considerable effort to elaborate the content of the new version of the edition's website as well as to introduce the new sections and columns. These are:**

**THE POLICY OF THE EDITION** (Aim, Tasks, Topics of Published Materials, Our Authors and Readers, Organization of Online-Conferences, Information Support and Participation in the Events on Nanoindustry and the Problems of Application of Nanotechnologies in Construction and Housing and Communal Services);

**THE INFORMATION ON THE EDITION** (The Editorial Council; The Editorial Board; Editors; Founders; Publisher; Publishing Ethics; Contacts, Minimal System Requirements To Access The Edition; Journal Production Schedule);

**ON THE OBSERVANCE OF PUBLISHING ETHICS** by the editors of the electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» and the statement of prevarication absence (Principal Ethical Rules, Information on the Peer-Reviewed System, Instructions for Authors) et al.

Internet-portal NanoNewsNet ([www.nanonewsnet.ru](http://www.nanonewsnet.ru)) and electronic edition «Nanotechnologies in Construction: A Scientific Internet-Journal» ([www.nanobuild.ru](http://www.nanobuild.ru)) jointly held The V International Theoretical and Practical Online-Conference «Application of Nanotechnologies in Construction Industry» ([http://nanobuild.ru/magazine/nb/Nanobuild\\_4\\_2013.pdf](http://nanobuild.ru/magazine/nb/Nanobuild_4_2013.pdf)). 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 in this online-conference:

**TELICHENKO Valerij Ivanovich** – Rector of National Research University «Moscow State University of Civil Engineering», Academician of RAASN, honoured worker of science RF, Doctor of Engineering, Professor;

**BELOV Vladimir Vladimirovich** – Vice-rector on innovation and scientific-educational activity of Tver State Technical University, Chair of the Department «Processing of building materials and structures», Honourable Worker of Science and Education of the Tver Region, Doctor of Engineering, Professor, Adviser of Russian Academy of Architecture and Construction Sciences;

**KALYUZHNYI Sergey Vladimirovich** – Member of the Executive Board of RUSNANO, Advisor to CEO – Chief Scientist, Doctor of Science (Chemistry), Professor;

**KOROLEV Evgenij Valerjevich**, Director of the Research and Educational Center «Nanotechnology», Moscow State University of Civil Engineering, Doctor of Engineering, Professor;

**Dr. Antonio PORRO** – Business Development Director of TECNALIA Research & Innovation, Spain; Officer Visiting Professor University of West Scotland;

**PONOMAREV Andrey Nikolaevich** – Director General of JSC «Scientific-Technical Center of Applied Nanotechnologies», Professor of Saint-Petersburg State Polytechnical University, Vice-President of the Russian Nanotechnological Society;

**SOBOLEV Konstantin Gennadievich** – Chairman of Technical Committee ACI 236D on Nanotechnologies in Concrete, Associate Professor of University of Wisconsin-Milwaukee, USA;

**FALIKMAN Vyacheslav Ruvimovich** – Full member of REA, RILEM National Delegate in Russian Federation, Member of RILEM Bureau, First Deputy Chair of TC 465 «Construction» of Rosstandart, Professor of MSUCE;

**FIGOVSKY Oleg L'vovich** – Full Member of European Academy of Science, Forein Member of RAE and RAACS, Editor-in-Chief of SITA, OCJ



и RPCS, Director of «Nanotech Industries, Inc.» (USA), and Director of International Nanotechnological R&D Center «Polymate» (Israel), President of IAI, Chairman of the UNESCO Chair «Green Chemistry, Golden Angel Prize's Laureate, (USA, Israel) et al.

**The number of the events in which the Internet-Journal takes part and for which it provides information support is increasing and correspondingly the edition's authority is growing too. These are the events in 2013:**

- international exhibition BATIMAT (France, Paris);
- international construction forum «Stroyindustria» (Sochi);
- international construction exhibition «SibBuild» (Novosibirsk);
- international city planning exhibition «CityBuild» (Moscow);
- international forum «Siberian construction week» (Omsk);
- international construction forum «SOCHI-BUILD» (Sochi);
- interregional specialized exhibition with international participation «Stroitelstvo» (Voronezh);
- specialized exhibition «Uralstroyindustria» (Ufa, Republic of Bashkortostan);
- specialized exhibition «REMSTROYEXPO» (Omsk);
- interregional specialized exhibition with international participation «New City» (Voronezh);
- construction forum which united two industrial exhibition: «Heating. Water Supplying. Air Conditioning» and «Everything for Construction and Repairs» (Ufa, Republic of Bashkortostan);
- international conference «Nanotechnologies – XXI century. Efficient ways of application, interaction and development of nanoindustry in the regions» (Saransk, Republic of Mordovia);
- theoretical and practical conference «Modernization of the technology of granulated foam glass and prospects for its usage» within the frames of the exhibition «Domestic building materials» (Moscow);
- contest «Skolkovo Innovation Award supported by Cisco I-PRIZE» et al.

The participants and guests of the events, directors and specialists of organizations and enterprises, scientists, lecturers, research officers of research centers from different regions of Russia and other countries, ap-

preciated deeply the scientific and technical level of the materials and the quality of information presented in the edition.

For the active participation in promotion of nanoindustry's products, efficient work of the editorial staff, active participation in the events devoted to nanoindustry and applied questions of nanotechnologies which are of great scientific and practical importance, scientific edition «Nanotechnologies in Construction: A Scientific Internet-Journal» was rewarded with diplomas, certificates and gratitudes from different professional and public organizations and events organizers.

To my mind the most important result of our cooperation in 2013 is an event which took place at the end of the year in Moscow. It was a Solemn awarding ceremony for the laureates of the Program «Russian Olympus» which is an independent prize widely recognized by society and business community and given for promotions in the area of high technologies.

The Internet-Journal «Nanotechnologies in Construction» became the laureate of the prize «RUSSIAN OLYMPUS OF THE HIGH TECHNOLOGIES – 2013» in the nomination «For the promotion of the latest high technology (mostly for the technologies in construction and communal services) which are important for the country at the Russian market». We are grateful to the organizers for the high appreciation of our activity. This is really significant event!



Internet-Journal  
«Nanotechnologies in Construction»  
is the laureate of the award  
«RUSSIAN OLYMPUS OF HIGH  
TECHNOLOGIES – 2013»

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.

*I sincerely congratulate members of Editorial Council and Editorial Board, editorial staff, authors and readers of Internet-Journal «Nanotechnologies in Construction» on New Year 2012!*

*I wish you health and longevity, happiness, joy, realization of your dreams, new achievements and victories!*

*Happy New Year!*





Nanobuild.ru

из **НАНО** строится **ГИГА**успех!

**GIGA**success is built from **NANO!**



*Happiness, Joy  
and Realization of Your Wishes  
In New Year 2014!*

The Editors, Editorial Council and Editorial Board of the Electronic Edition  
«Nanotechnologies in Construction: A Scientific Internet-Journal»

e-mail: [info@nanobuild.ru](mailto:info@nanobuild.ru)