

HERALD OF RUSSIAN-INDIAN NETWORK

Results, Prospects and Hopes

The year 2016 is almost over and this is a good reason to look back and observe Russian-Indian cooperation in the field of education, science, technology and innovation.

The year started with quite effective meeting of members of Russian-Indian Network of Institutions for Higher Education in Bombay, India. The meeting was held on 11-12 of February at the base of Indian Institute of Technology Bombay (IIT-B), which is the Indian coordinator of RIN. The chair of the meeting was Director of IIT-B Professor Devang V. Khakhar. The program of the meeting included working sessions in three main areas: education, science and technology.

A few joint competitions were launched in such areas as, for example, basic sciences and biotechnologies. In 2016, 17 joint Russian-Indian research teams have started joint projects. All of them are winners of Russian-Indian competition, which was announced in 2015 for conducting research in 2016-2018.

Five Russian scientists participated in Global Initiative of Academic Networks of Indian Government.

What we still miss are:

- 1) more information and knowledge about each other: education and S&T systems, possibilities of cooperation, information coverage about grants, competitions and programs of various scientific and educational institutions of Russia and India;
- 2) stable connection and communication between

Institutions;

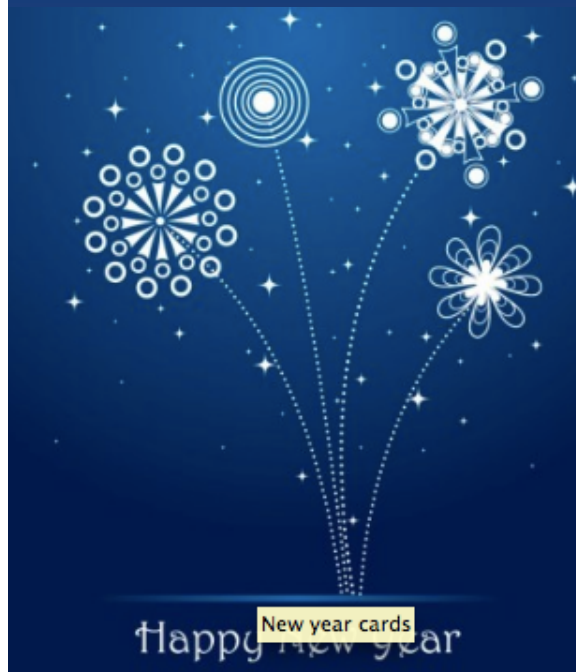
- 3) weak engagement of youth in science, technology and innovation cooperation between Russia and India.

Network of institutions of higher education is not enough. We need young leaders from both Russia and India to know each other, communicate and initiate collaboration projects in various fields for building sustainable and peaceful world.

Resource Centre "Russia-India: Education, Science and Innovation" is going to move forward in this direction and become a node, bridging Russian and Indian PEOPLE - scientists, scholars, educators, innovators, inventors, entrepreneurs, social leaders – in order to develop real collaborative network.

We hope for your support and wish you all the best in coming year 2017!

Issue 10, 25 December 2016



e-Newsletter is released on monthly basis. We invite people, organizations, agencies, institutes and universities of Russia and India to send information and news for publishing in e-Newsletter.

Contact us: news@rusindia.ru

NEWS

Students of Elabuga Institute of Kazan Federal University (KFU) participated in International Robotics Olympiad in India

Students of the Faculty of Mathematics and Natural Sciences (Vladislav Starostin, Azat Nasibullin and Islam Khamitov) participated in International Robotics Olympiad in India. They won the 1st place in All-Russian Robotics Olympiad, which was held in Innopolis (Kazan, Russia) in June 2016. Therefore they could go to New Delhi (India) and participate in World Robot Olympiad (WRO).



"We started preparing for the Olympiad back in August - Vladislav Starostin says - Immediately after becoming a part of the Russian team, we decided to modify our old model. Robot was controlled by Controller EV3 (Lego). We used also details of Tetrix and Matrix Design as regulations required. Our great advantage was using video camera. It served as "sight" of the robot. Our robot moved, rode up to the balls, grab one of the balls and throw in the pins, knocking them. Due to such modernization we got to the final.

During four months we collected statistics on pins hits, and simultaneously prepared necessary documents for the trip to the competition. We completed preparation a week before departure. Our team arrived to India quite late and worried about robot, because we hand it over in luggage and no one knew what could happen to it there.

The daily routine in India has been very tight, the organizers decided to divide competition in 3 phases. The first stage was preparatory one. The second stage was qualification one. Best 18 teams were selected to participate in final phase. We were the 8th team and were ahead of other 3 Russian teams.

The third stage was final. We had half an hour to debug, and then went through 5 rounds. In the 2nd round our robot moved beyond the work area due to the shutdown of one of the sensors. It was very disappointing, as we lost points, and could take 10th place only. Chuvashia team (from Russia too) was next to us. The leaders and winners were teams of Taiwan.

We returned home with mixed feelings. We were very tired, but we gained knowledge, experience and inspiration to work further in robotics, to move towards new goals, and to improve our skills. In mid-January next year new competition will be announced. We hope that it will be something very interesting. And we proceed to the preparation immediately"

Yelabuga team was trained by Associate Professor of Computer Science and Applied Mathematics Department, Alexander Minkin. It should be noted that Alexander makes a significant contribution to the development of one of the current trends in the world - the educational robotics. For the past year and a half he has been holding robotics classes for students of secondary schools and students of Center of Educational Robotics at Yelabuga Institute. He is one of the organizers of the Open competitions in robotics, which are held every year on the basis of high school. These competitions are becoming the largest platform for the acquisition of new knowledge and exchange of experience in the field of technical creativity of the youth. Under his leadership, talented guys get needed knowledge, which helps translating bold ideas in real projects.

For reference:

WRO competitions have 12-year history. World Robot Olympiad is held in more than 55 countries around the world. Since 2004, the competition took place in Singapore, Taipei, Manila, Jakarta, Doha and other cities.

Source: Dinara Almagambetova, Elabuga Institute of Kazan Federal University.

ANNOUNCEMENTS

Gujarat Forensic Sciences University (GFSU), Gujarat, India



Invites for strategic cooperation:

- ❖ **Establish an Institute of Forensic Sciences (IFS) in technical / Academic co-operation with GFSU**

Through establishment of this dedicated institute various activities can be undertaken under such set up.

1. Offer Various short Term & skill based courses in the area of Forensic Sciences for students and other professional (Courses like Digital Security - Forensic Accounting - Cyber Security - NeuroEntrepreneurship)
2. Offer consultancy services to Judiciary and other corporate world in Forensic Sciences field.
3. Can offer Training to different category of professionals . Judges / Police Department / Bank Officials .
4. Can start Twinning program in Master study in different forensic Sciences areas. (1+1)

This will ultimately benefit to your country and society to fight with broad range of crimes and create forensic experts in different fields . GFSU will provide all kind of technical and academic support to establish such institute.

- ❖ **Invite officials / professional from your country to undertake specific Forensic related Training program at our campus**
(via Ministry of External Affairs)
- ❖ **Jointly organize seminar and conference in the area of Forensic Sciences**

- ❖ **Arranging short term (customized) training program for students / professionals –**
(Duration - 3 to 5 weeks) in specific area of Forensic Sciences at our campus.

GFSU core activity:

- ❖ **Dedicated Masters programs in various areas of Forensic Sciences**

At present, we are offering 41 such masters courses at our campus with world class lab & research facilities. Currently, nearly 1200 students (domestic + international) are studying at our campus.

- ❖ **Regular Training to Top government officials (Domestic & International)**

We are regularly providing training to top government officials such as Judges, IAS, IPS, IFS, IRS, Police Officers, Public Prosecutors, Foreign Officials, and Medical Officers in various Forensic areas through our expert trainers and with world class facilities.

- ❖ **Offering Short Term Skill-based Courses in the area of Digital Security, Forensic Accounting & Cyber Security .**

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НОВАЯХИМИЯ
ОТ ПРОБИРКИ ДО ПРОИЗВОДСТВА

“Novaya Himiya” Company invites for cooperation

A “Novaya Himiya” company is a talented team, experienced in international projects, products development and patents getting in chemistry. Main specialization is chemistry of polymers. It has own lab.

“Novaya Himiya” Company is a part of Di-Group Holding and has strong management and investors/mentors support.

We work in the field of research and project development starting from scratch to mass production. We provide services for industrial design, design of printed circuit boards, setting up the production and also offer our intellectual resources.

The list of services:

- Preparation of technical specifications for the R & D based on customer requirements;
- Carrying out laboratory experimental studies, statistical processing of the data;
- Development of experimental model, bench plants;
- Development of laboratory and other technical regulations;
- Carrying out tests on a model or pilot plant;
- Optimization of experimental approaches in accordance with the results;
- Analysis of the patent purity, patent research (in accordance with GOST R 15.011-96);
- Full product preparation for certification. Writing technical specifications, safety data sheets, MSDS, technological schemes, production schedules;
- Development of technical specifications for carrying out R & D and product implementation in small industry.

Our latest projects:

A “Creopop” 3D pen inks compound:

<https://www.creopop.com>

A manufacturing technology for producing the kinetic sand <http://www.lepasand.ru/>

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St. Petersburg Spring School in Risk Management, Insurance, and Finance 2017 March 23–25, 2017

Applications are now open for the 6th St. Petersburg Spring School in Risk Management, Insurance, and Finance. On March 23–25 EUSP will host N. Göran Högnäs (Åbo Akademi University, Finland), Mario V. Wüthrich (ETH Zurich, Switzerland), and Antoon A. J. Pelsser (Maastricht University, the Netherlands).

The speakers will introduce the audience to such topics as «Introduction to Stochastic Demography», «New Developments in Claims Reserving», and «Replicating Portfolios for the Pricing and Risk Management of Insurance Liabilities».

Applicants need to register their interest before February 17 (if they need a Russian visa) or March 10 (if they do not).

The working language of the School is English.

There is no participation fee.

The main objective of the School is to disseminate knowledge and results of latest research in the area of Risk Management, Insurance, Finance, and related fields. The target audience is academics, students and practitioners from Russia and other countries of the former Soviet Union, although participants from the rest of the world are very welcome to join the School as well.

This School is included in the CPD system of the Guild of Actuaries (Russia). The working language of the School is English.

To register, please send your name, affiliation and contact information to the e-mail: lkorotkova@eu.spb.ru

Phone/fax: +7 (812) 386-7632

More info: <https://eu.spb.ru/en/econ/further-education/srmif/17098-st-petersburg-spring-school-in-risk-management-insurance-and-finance-2017>

International Conference on Electrical, Electronics and Robotics (ICEER) CHENNAI, TAMIL NADU, India

12 February 2017

The conference will be held at Chennai on February 12th, 2017. The aim objective of ICEER is to present the latest research and results of scientists related Electrical, Electronics and Robotics topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field. The organizing committee of conference is pleased to invite prospective authors to submit their original manuscripts to ICEER 2017.

All full paper submissions will be peer reviewed and evaluated based on originality, technical and/or research content/depth, correctness, relevance to conference, contributions, and readability. The conference will be held every year to make it an ideal platform for people to share views and experiences in Computer Science and Information Technology related areas.

DOI- Digital object identifier Number for the Paper will be provided to all the authors of the paper within 20 days of the conference.

English is the official language of the conference. We welcome paper submissions. Prospective authors are invited to submit full (and original research) papers (which is NOT submitted/published/under consideration anywhere in other conferences/journal) in electronic (Word only) format through the Electronic Submission System website http://iraj.in/Submit_paper.php or via E-Mail papers.iraj@gmail.com

Submission Deadline	February 5th, 2017
Registration Deadline	February 7th, 2017
Conference Date	February 12th, 2017

The 2nd International Conference on Smart Materials Technologies (ICSMT 2017) St.Petersburg, Russia 19 – 21 May , 2017

ICSMT 2017 is organized by Science and Engineering Institute, co-sponsored by Bauman Moscow State Technical University, Russia, St. Petersburg Institute for Informatics and Automation of the Russian Academy of

Sciences and South Ural State University, Russia. ICSMT2017 will provide a timely platform to conduct a recap of the latest technologies and industry milestones, and promote Smart Materials Technologies to a wider audience. Plan now to be part of this exceptional conference, as an attendee, event sponsor, or exhibitor. ICSMT 2017 is where you will meet and network with energy leaders, business innovators, researchers, academics and policy makers from across the globe.

Accepted and registered papers will be published into the conference proceedings of AIP.

ISSN: 0094-243X | E-ISSN: 1551-7616

AIP Conference Proceedings are currently indexed in these leading databases:

- ❖ The Conference Proceedings Citation Index (part of Web of Science)
- ❖ Scopus (Elsevier)
- ❖ Inspec

Topics are included but not limited:

- ❖ Materials Science and Engineering
- ❖ Materials Properties, Measuring Methods and Applications
- ❖ Methodology of Research and Analysis and Modeling
- ❖ Materials Manufacturing and Processing

Paper submission (and instructions) are here

<http://www.icsmt.org/sub.html>

Registration info is here

<http://www.icsmt.org/reg.html>

Submission Deadline:	Before Jan. 15th, 2017
Notification Date:	Feb. 5th, 2017
Registration Deadline:	Feb 25th, 2017
Camera Ready:	Before Mar. 25th, 2017
Conference Date:	May 19-21, 2017

24th International Neuroscience and Biopsychiatry Conference "STRESS AND BEHAVIOR" St-Petersburg, Russia 16-19 May, 2017

It's an annual international event gathering scientists and psychiatrists from around the world to share an interest in stress-evoked brain disorders in both humans and animals.

Organized by: International Stress and Behavior Society (ISBS).

Topics:

- stress, fear; anxiety, depression
- neurogenetics of stress
- neuromediators and transporters
- neurosteroids in the CNS
- neurochemistry and neurophysiology of stress
- neuropsychopharmacology and neuroendocrinology
- experimental models of behavior
- stress, memory and learning
- psychophysiology and neuropsychology
- psychoneuroimmunology
- general psychiatry
- neuroethology and human ethology
- other brain/behavioral disorders
- gene x environment interactions
- translational research in biological psychiatry
- biomarkers of stress

Conference working language is English

Registration includes full access to all conference symposia and lectures, welcoming reception, as well as Proceedings (abstract book) and other conference materials, and coffee-breaks.

To register, please visit section

“Conference Registration and Abstract Submission” on our conference web-site

<http://www.stressandbehavior.com> and fill out on-line Registration Form.

Alternatively, please fill in and send by e-mail to the ISBS Secretariat at info@stressandbehavior.com the following registration form with subject “STP 2017 Conference Registration” along with your abstract (if presenting):

Name,

Family name:

Position/Title:

Institute/Company:

Address (affiliation): City, State:

Postal code: Country:

Phone, Fax:

E-mail address:

www:

Title of Abstract (if presenting):

For more information please see

http://www.stressandbehavior.com/PDF/2017/Stpetersburg/Conference_announcement_STP%202017.pdf

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Deadline of information acceptance: 20th of every month.

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