

**XX INTERNATIONAL SCIENTIFIC AND PRACTICAL FORUM  
«SMARTEX»**

Russia, Ivanovo, May 22-26, 2017

**Dear colleagues! We invite you to participate in the Jubilee XX International Scientific and Practical Forum "SMARTEX"**

**ORGANIZERS**

Ivanovo State Polytechnical University

G.A. Krestov Institute of Solution Chemistry RAS (Ivanovo)

Russian Union of Entrepreneurs of Textile and Light Industry (Moscow)

Directorate of the Technology Platform "Textile and Light Industry" (Kazan)

Engineering Center of Textile and Light Industry (Ivanovo)

**CO-CHAIRMEN OF THE ORGANIZING COMMITTEE**

Rector of the Ivanovo State Polytechnical University, Corresponding Member of RAACS, Doctor of Technical Sciences, Professor **Aloyan Robert Mishaevich**.

Director of the G.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences, Doctor of Chemical Sciences **Kiselev Mikhail Grigorievich**.

President of the Russian Union of Entrepreneurs of Textile and Light Industry, member of the Public Chamber of the Russian Federation, Member of the Board of the Russian Union of Industrialists and Entrepreneurs (RSPP), Candidate of Technical Sciences **Razbrodin Andrey Valentinovich**.

**FORUM GOAL:** National technological initiative strategy realization assistance in achieving global technological leadership in textile reindustrialized and contiguous segments of Russian economy.

**FORUM TASKS**

- Development of theoretically based technologies in obtaining and industrial utilization of the so called "smart" textile – fibers, filaments, finished materials and items with distinct functionalization having a wide variety of new adjustable properties.
- Creating conditions for effective cooperation between scholars, business and authority ready for joint analysis of research results on the above mentioned goal, besides to determine investment- attractive science and technology schools, quick promotion of new technologies and finished products to the market.

**FORUM PROGRAM**

Plenary meeting, thematic workshop sittings, poster report presentations, contest for the best poster report among young scholars (less than 35 years old) are in the schedule of scientific session.

Block of business events.

Russian and foreign scientists, including post-graduate students working in the fields of textile chemistry, fiber physics, solid media mechanics, science of textile materials and

engineering, nanotechnology and nanomaterials, technologies and equipment for mechanical and physicochemical treatment of textile materials, processing of polymers and composites, management and optimization of technological processes in the textile industry, adjacent areas of scientific knowledge, are invited to take part in the scientific session.

Self-participation of students in the scientific session as speakers is not provided.

Representatives of government, profile manufacturing companies, venture structures, branch business associations and public organizations are invited to participate in the opening ceremony of the plenary meeting, business program events, and the work of the sections.

The program of business events will be published on the Forum's website until April 28, 2017.

### **THEMATIC DIRECTIONS OF THE SCIENTIFIC SESSION**

-Physicochemical bases of nanotechnologies of fibers and functional composite materials on a fibrous basis.

-Chemical-technological processes for the production of polymer-fibrous materials in the textile and light industries.

-Textile engineering: breakthrough technological innovations in the design, production, final finishing and management of textile materials and products quality.

-Environmental and operational aspects of technical textile usage in the building industry and road transport complex.

Working languages of the scientific session: Russian, English (translation of the abstract of the report into Russian is obligatory).

The duration of the plenary reports is 30 minutes, sectional - 15 minutes, including questions.

The organizers reserve the right to determine the form of submission of accepted reports, as well as the rejection of the received materials, if they do not correspond to Forum topics and rules of registration.

### **FORUM MATERIALS PUBLICATION**

Reports of the scientific session for the Forum, issued as a standard journal article with volume no more than 6 pages of A4 format, are published in the scientific journal "Physics of fibrous substances: structure, characteristics, high technology and materials (SMARTEX)" (issued by Ivanovo State Polytechnic University, electronic and printed version, RISQ, ISSN 2413-6514).

By decision of the Forum organizers and taking into account wishes of the authors some of the reports (in an expanded form) will be published in the international scientific journal "Polymeric materials and technologies" (published by Metalpolymeric Systems Institute named after V.A. Belov NAS Belorussia RISQ, electronic and printed version).

Accepted to publication articles are reviewed. They use as an internal peer review (reviewers being specialists in corresponding field of science are the members of organizational and program committees) so and external ones (a number of leading specialists involved as reviewers).

Rendering the article the author shows his compliance for its publication in open access and its accommodation in the Internet as well as in the Forum site and in the official site of the Scientific electronic library eLibrary.ru/

Requirements for articles registration – in the Application and in the Forum site.

### **THE VENUE OF THE FORUM**

Ivanovo State Polytechnical University (Russia, City of Ivanovo, Sheremetevsky PR., 21)

### **OFFICIAL WEBSITE OF THE FORUM**

<http://smartex2.ivgpu.com>

## CONDITIONS OF PARTICIPATION

To participate in the Forum you should:

1. until **April 21, 2017**, using the information system "Registration" on official website of the Forum, send an electronic application (participants of science session should attach the full report/article; within 5 business days receive notification of articles acceptance for publication, or the need for its improving);
2. until **May 12, 2017** read the contract offer and make the registration payment, a scanned copy of the payment document should be sent to: [oi pivgpu@yandex.ru](mailto:oi pivgpu@yandex.ru)

## THE REGISTRATION FEE

For the scientific session participants - 1 500 RUB.

For young scientists participants of the competition for the best report (under 35 years old, without co-authors among the supervisors) - 500 RUB. For authors made custom plenary reports and participants of business events - without pay.

The registration fee covers publishing and organizational costs, set of participant (programme, CD-ROM), coffee breaks, excursion and cultural programme.

Upon the request, authors are sent a certificate of the participant, reserved places in hotels of Ivanovo, printed copies of the journal "Physics of fibrous materials: structure, properties, science-intensive technologies and materials(SMARTEX)" are provided at an additional cost. Travel, accommodation are paid by participants independently.

## CONTROL DATES

Acceptance of applications and publications	until April 21
Placing of scientific and business programmes on the site of the Forum	until April 28
Payment of organizational fee	until May 12
Mailing of the 2nd information letter, personal invitations	until May 15
Publication of the Forum materials(the journal "Physics of fibrous materials: structure, properties, science-intensive technologies and materials(SMARTEX)")	until May 22
Working days of the Forum	May 22-26
Participant Certificates sending	until June 15
Article-by-article journal placing in the database of the RINC	within 1 month after the completion of the Forum

## ADDRESS OF THE ORGANIZING COMMITTEE:

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