

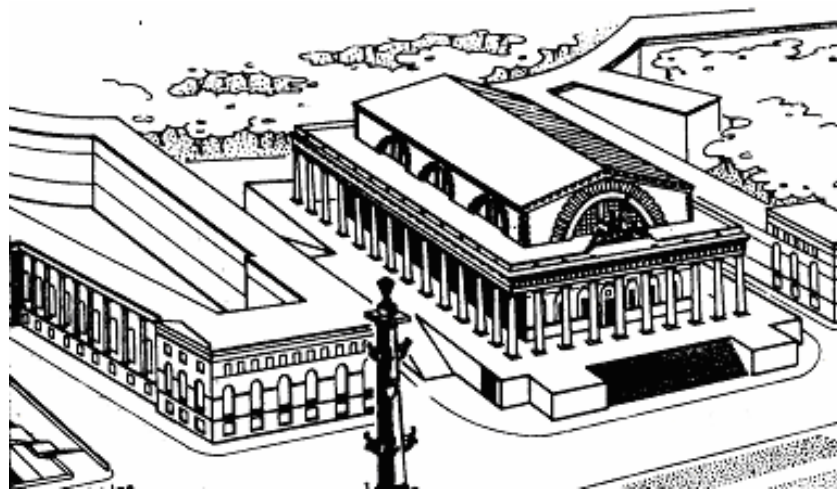
FEDERAL AGENCY FOR SCIENTIFIC ORGANIZATIONS

RUSSIAN ACADEMY OF SCIENCES
DEPARTMENT OF CHEMISTRY AND MATERIALS SCIENCES

ST.PETERSBURG SCIENTIFIC CENTER
OF THE RUSSIAN ACADEMY OF SCIENCES
YOUNG SCIENTISTS SECTION OF THE UNITED SCIENTIFIC COUNCIL ON
MATERIALS SCIENCE, MECHANICS, AND ROBUSTNESS

INSTITUTE OF MACROMOLECULAR COMPOUNDS
OF THE RUSSIAN ACADEMY OF SCIENCES

LABORATORY OF POLYMER BIOMATERIALS AND SYSTEMS



«MODERN PROBLEMS OF POLYMER SCIENCE»
14th International Saint Petersburg Conference of Young Scientists

November 12 – 14, 2018
Saint Petersburg

Institute of Macromolecular Compounds of the Russian Academy of Sciences is honored to invite you to participate in the 14th International Saint Petersburg Conference of Young Scientists "Modern Problems of Polymer Science".

The Conference is supported by the Ministry of Science and Education of the Russian Federation through the megagrant (State Contract 14.W03.31.0014).

Young scientists (under 35 years old), PhD students, master students, and graduate students are invited for **participation** in the Conference as main speakers. 200 persons are expected to attend the Conference. About 80 oral presentations (for 15 minutes) and more than 100 posters are planned for scientific program.

Conference will be held from 12 to 14 November, 2018.

Language

English is the official language of the Conference.

Conference venue

November 12 and 13 – Saint Petersburg Scientific Center of the Russian Academy of Sciences. Universitetskaya Naberezhnaya (Universitetskaya Embankment), 5, Saint Petersburg, 199034, Russia.

November 14 – Institute of Macromolecular Compounds of the Russian Academy of Sciences. Bolshoi Prospekt, 31, Saint Petersburg, 199004, Russia.

Both Saint Petersburg Scientific Center of the Russian Academy of Sciences and Institute of Macromolecular Compounds of the Russian Academy of Sciences are located on Vasilevsky ostrov (Vasilevsky Island) in the central part of Saint Petersburg.

Scientific program

Conference will cover major frontier topics in modern polymer chemistry and physics. Conference **sections** will cover topics such as:

Section 1. Polymer synthesis and modification

radical polymerization; ionic polymerization; polycondensation; catalytic polymerization; copolymerization; modification of macromolecules

Section 2. Physicochemical properties of polymers

molecular characteristics; rheological properties; mechanical properties; optical properties; polymers solutions and melts; crystalline and glassy polymers

Section 3. Polymer composite materials

thermoplastic polymer composite materials; nucleation, crystallization and melting; mechanical and thermal properties

Section 4. Bio-related and medical polymers

biomacromolecules; biomimetic polymers; bio-hybrid polymers; biomolecular recognition; polymers for medical uses; drug delivery systems; polymer biocomposite materials

Section 5. Theory and simulation

Multiscale simulation of polymer systems; polymer structure and dynamics; critical phenomena and phase transitions; simulations of polymer crystallization; polymer networks; liquid-crystalline polymers; polyelectrolytes; functional polymers with complex structure; polymer membranes; polymer composite materials

Section 6. Polymer applications

polymer materials for microelectronics, optics, and optoelectronics; polymer applications and ecology; polymer processing and utilization; polymer membranes

Organizing Committee has invited the leading scientists in polymer science to present **plenary lectures**.

Prof. Richard Hoogenboom (Belgium)

Poly(2-oxazoline)s: From fundamental understanding to biomedical applications

Prof. Friederike Schmid (Germany)

Why "bad" is "good": Polydispersity in polymeric nanostructures

Prof. Sergey Sheiko (USA)

Programmable design of tissue-mimetic materials

Prof. Vitaliy Khutoryanskiy (United Kingdom)

Efficient participation in research conferences

Prof. Rouslan Moustafine (Russia)

Interpolyelectrolyte complexes of pharmaceutically acceptable polymers as carriers for drug delivery

Prof. Sergey Lyulin (Russia)

The 70th anniversary of the Institute of Macromolecular Compounds of the Russian Academy of Sciences

Registration and abstract submission

Registration and abstract submission are available on-line at the Conference website <https://young.macro.ru/>.

Abstracts will be accepted starting from April 5, 2018. The deadline for abstract submission is June 15, 2018.

Registration fee

Registration fee is €40 until November 11, 2018 and €50 after November 12, 2018. The payment should be made in Russian Rubles, USA dollars or Euros using one of the following ways: Credit card payment, payment by Bank transfer or Internet payment. The payment can be done after on-line registration at the Conference website <http://young.macro.ru/> from participant's Personal area or on-site.

Letters of invitation

The invitation for attending the Conference will be sent by the Organizing Committee. Such an invitation is only to help participants to raise their travel funds and is not the organizers' commitment to provide any financial support.

Visa

Many foreign citizens need visa in order to enter Russia.

You may use the two ways to get a visa:

1. **Tourist visa:** the Conference Service Agency Monomax PCO can provide you with tourist visa support document (voucher and confirmation). For a request please register on-line and make your request at the Personal area. Please note that a participant must have a confirmed hotel reservation for visa support. The deadline for the tourist visa support request is **October 12, 2018**.
2. **Humanitarian visa:** Organizing Committee provides visa support of the Russian Ministry of Foreign Affairs upon receiving completed Registration Forms and international passport (passport for travel abroad) copy. It is the Russian Ministry of Foreign Affairs who issues the official letter of invitation which is used for obtaining visa.

The citizens of Schengen states may get a special invitation letter for visa to Russia. This invitation letter will be prepared by Organizing Committee and the Director of the Institute of Macromolecular Compounds of the Russian Academy of Sciences.

Conference participants should send a request and a copy of their passports' first page to the Organizing Committee by e-mail

polymer-young@hq.macro.ru

Insurance

The Organizing Committee recommends all participants to have travel insurance, which will cover any incidents that may happen during the meeting. The organizers do not accept responsibility for individual medical, travel or personal insurance.

Hotel reservation

Monomax Service Agency is delighted to offer the hotel accommodation for the Conference participants on special prices. Information will be available soon at the Conference website <http://young.macro.ru/>. Reservation will be available at participants' Personal areas.

Important Dates

April 5, 2018

June 15, 2018

October 12, 2018

November 12, 2018

November 12, 2018

November 14, 2018

Registration and abstract submission opening

Deadline for registration and abstract submission

Deadline for sending request for hotel accommodation and tourist visa

Opening of the Conference Registration Desk

Opening Ceremony

Closing Ceremony

International Scientific Advisory Board

S. Lyulin, Russia
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T. Kirila
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S. Rodchenko
E. Sinitsyna
I. Volgin
M. Volokitina
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Yu. Zolotova

Conference Organizing Committee Address

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Monomax PCO

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The details of the Conference are to be found on the Conference Web site <https://young.macro.ru/>.