

YAROSLAV THE WISE
NOVGOROD STATE UNIVERSITY

RUSSIAN ACADEMY OF SCIENCES
DEPARTMENT OF CHEMISTRY AND MATERIALS SCIENCES

LOMONOSOV MOSCOW
STATE UNIVERSITY

FEDERAL SERVICE FOR THE SUPERVISION OF
ENVIRONMENTAL MANAGEMENT (ROSPRIRODNADZOR)

MICROPLASTICS IN POLYMER SCIENCE

2ND CONFERENCE



First Circular

1-5 October 2024
Veliky Novgorod

From 1 to 5 October 2024, the second **Microplastics in Polymer Science** conference will be held in the city of Veliky Novgorod. The conference is organised by the Yaroslav the Wise Novgorod State University, the Russian Academy of Sciences Department of Chemistry and Materials Sciences, the Lomonosov Moscow State University, and the Federal Service for the Supervision of Environmental Management (Rosprirodnadzor).

The issue of microplastics is one of the 21st century's most serious "deferred" environmental problems. Increasing polymer production is leading to the appearance of an uncontrolled spread of polymer waste, which with its slow rate of decomposition is turning into a vast quantity of microscopic particles. The appearance of these particles poses a large number of interdisciplinary challenges relating to the detection, characterisation and study of the impact of microplastics on human health and the wider environment. The significance of these studies at an international level is confirmed by Resolution 5/14 dated 2 March 2022 of the United Nations Environmental Assembly (UNEA) on the necessity to prevent plastics pollution and to conclude a legally binding international treaty in this area. The drafting of this agreement is taking place as part of the work of the Intergovernmental Committee, and is based on modern, scientifically proven data. However, polymer scientists have so far been less involved in resolving problems associated with microplastics. This conference provides an opportunity for specialists from all related fields to take part in the discussion of a whole range of issues associated with microplastics.

Organising Committee

Chairman: S.V. Lyulin, Correspondent Member, Russian Academy of Sciences, Novgorod State University, Russian Academy of Sciences Institute of Macromolecular Compounds
S.N. Kalmykov, Academician, Russian Academy of Sciences
A.R. Khokhlov, Academician, Lomonosov Moscow State University
M.P. Egorov, Academician, Russian Academy of Sciences Institute of Organic Chemistry
Y.S. Borovikov, Doctor of Technical Sciences, Novgorod State University
S.G. Radionova, Rosprirodnadzor

Programme Committee

A.A. Yaroslavov, Correspondent Member, Russian Academy of Sciences, Lomonosov Moscow State University)
I.Y Kogan, Correspondent Member, Russian Academy of Sciences (Russian Academy of Sciences Scientific Research Institute for Obstetrics, Gynecology and Reproductology)
J.M. Kenny, Doctor in Chemical Engineering (European Centre for Nanostructured Polymers)
S.R. Pozdnyakov, Doctor of Geography, (Institute for Research into Continental Water Bodies, Russian State Hydrometeorological University)
E.G. Bagryanskaya, Doctor of Physics and Mathematics, (Siberian Branch of the Russian Academy of Sciences, Novosibirsk Institute of Organic Chemistry)

I.A. Balova, Doctor of Chemistry (St Petersburg State University)
D.S. Vorobyev, Doctor of Biology (Tomsk State University)
I.M. Zorin, Doctor of Chemistry (St Petersburg State University)
S.S. Karlov, Doctor of Chemistry (Lomonosov Moscow State University)
I.P. Chubarenko, Doctor of Physics and Mathematics (Shirshov Institute of Oceanology, Russian Academy of Sciences)
M.A. Proskurnin, Doctor of Chemistry (Lomonosov Moscow State University)
A.A. Gurtovenko, Doctor of Physics and Mathematics (Russian Academy of Sciences Institute of Macromolecular Compounds)
T.A. Kuznetsova, PhD, Technical Sciences (Rosprirodnadzor)
E.A. Filimonova, PhD, Physics and Mathematics (Lomonosov Moscow State University)
Y.A. Frank, PhD, Biology (Tomsk State University)
N.N. Shevchenko, PhD, Chemistry (Russian Academy of Sciences Institute of Macromolecular Compounds)

Local Committee

Chairman: Y.S. Borovikov, Doctor of Technical Sciences

A.B. Efremkov, Doctor of Technical Sciences

A.P. Novikova, PhD, Medical Sciences

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O.A. Fikhtner, Doctor of Economics

V.A. Isakov, PhD, Chemistry

E.L. Tul'tsev

G.V. Lebedeva, PhD, Economics

U.V. Vasilieva

A.A. Vasilieva (secretary, +7 999 214 07 89)

Researchers from scientific and educational institutions and industrial enterprises are invited to participate as keynote speakers in the conference. The event will feature **plenary, oral** and **stand-based** presentations.

The following speakers have been preliminarily confirmed for the plenary session:

1. A.R. Khokhlov, Lomonosov Moscow State University (Moscow, Russia)
2. Jose Maria Kenny, European Centre for Nanostructured Polymers (Terni, Italy)
3. Ahmad Manbohi, Iranian National Institute of Oceanography (Tehran, Iran)
4. Francesco Saliu, University of Milano-Bicocca (Milan, Italy)
5. Aristeidis Tsatsakis, University of Crete (Rethymno, Crete, Greece)
6. Huahong Shi, East China Normal University (Shanghai, China)
7. A.V. Mel'tser, Mechnikov North-West State Medical University (St. Petersburg, Russia)

The working language of the conference will be English.

The conference programme will be divided into five sections:

- Modelling in microplastic research
- Analysis and characterisation of microplastics

- Microplastics in environmental and earth sciences
- Microplastics in biology, pharmacology, and medicine
- Research and industrial strategies for the prevention and reduction of microplastics.

Registration and call for papers

Participants can register and submit their theses on the conference website using the following link: <https://r.onlinereg.ru/microplastics2024> .

Speech abstracts will be accepted from **27 April** to **15 June 2024**.

Each conference participant is permitted to submit one speech.

Submitted speech abstracts will not be reviewed. The Programme Committee reserves the right to change the type of the speech presented.

Registration fees

Registration fees for the conference are as follows:

150 EUR- full participation for scientists with an academic degree;

100 EUR - for scientists under the age of 30 with no academic degree (including graduate and undergraduate students);

100 EUR - for participants not making a speech: package includes conference materials, the opportunity to listen to lectures, coffee breaks;

100 EUR - for accompanying persons: package includes conference materials, the opportunity to listen to lectures, coffee breaks.

Registration fees can be paid through the participant's personal account on the conference website using one of the following methods:

- company bank transfer;
- personal bank transfer;
- credit/debit card;
- online payment.

If payment confirmation and an Act of Goods/Services Rendered are required for business trip accounting purposes, details of the individual and the organisation which they represent should be sent to the conference manager using the following email address: [**microplastics@onlinereg.ru**](mailto:microplastics@onlinereg.ru).

Official conference Invitations

If an official invitation to the conference is required for business trip accounting purposes, please submit your request by email to [**microplastics@onlinereg.ru**](mailto:microplastics@onlinereg.ru). Please note that such invitations do not incur any financial obligations on the part of the organisers.

Important dates:

1 May to 15 June 2024: registration and call for papers;

15 July 2024: dispatch of second conference circular and notification of speech acceptance;

16 July to 10 September 2024: registration fee payment;

15 September 2024: publication of final conference programme on the website.

1 October 2024: conference begins;

5 October 2024: conference ends.

Conference venue:

Novgorod Technical School
18a ul. Velikaya
Veliky Novgorod

Conference Organising Committee correspondence address:

Federal State Budgetary Institution of Higher Education
Yaroslav the Wise Novgorod State University
41 ul. Bol'shaya Sankt-Peterburgskaya
173003 Veliky Novgorod

e-mail: microplastics@onlinereg.ru

The latest information on the conference can be found on the event website

<https://microplastics.ru>

Conference organiser: Monomax LLC

Event coordinator: Ekaterina Ipatova, mobile: +7 960 279 3177

e-mail: microplastics@onlinereg.ru

Conference partners:The logo for SIBUR, consisting of the word "SIBUR" in a bold, teal, sans-serif font.