



# Mendeleev 2024

XIII International Conference on Chemistry for Young Scientists

2-6 September 2024  
Saint Petersburg, Russia

# CONFERENCE *Mendeleev* 2024

2-6 September 2024  
Saint-Petersburg, Russia

VK



Telegram



## SECTIONS

Advanced materials  
and technologies

Modern Trends  
in Polymer Science

Advances in coordination  
and inorganic chemistry

New Technologies  
and Materials for  
Chemical Analysis

Theoretical Chemistry

Organic,  
Organometallic and  
Medicinal Chemistry

Economics of the chemical  
industry in the context  
of modern challenges

*registration and abstract submission  
until 30 April 2024*



# Advanced materials and technologies

## Subjects

Synthesis of nanohybrids  
and nanocomposits

Laser and additive  
technologies

Advanced materials  
and technologies



Chairman

**Alina Manshina**

Dr. Sci., Professor of the  
Department of Laser Chemistry  
and Laser Materials Science

Saint Petersburg State  
University



Secretary

**Anna Vasileva**

Dr., Assistant

Saint Petersburg State  
University



# Modern Trends in Polymer Science

## Subjects

Synthesis and  
modification of  
polymers

Modern methods  
for polymer  
characterization

Polymer composites  
and blends

Functional and  
smart polymers

Polymers and  
the environment

Application of polymers

Physics of polymers



Chairman

**Anastasia Penkova**

Dr. Sci., Professor

Saint Petersburg State  
University



Secretary

**Anna Kuzminova**

Dr., Assistant

Saint Petersburg State  
University





# New technologies and materials for chemical analysis

## Subjects

Hyphenated methods

Spectral methods

Electrochemical methods



Chairman

**Andrey Bulatov**

Dr. Sci., Professor of the  
Department of Analytical  
Chemistry, Professor RAS

Saint Petersburg State  
University



Secretary

**Irina Timofeeva**

Dr., Professor

Saint Petersburg State  
University



# Organic, organometallic and medicinal chemistry

## Subjects

Organic synthesis methodology

Bioactive compounds

Catalysis

Organometallic chemistry



Chairman

**Olga Bakulina**

Dr., Assoc. Prof., Laboratory of  
Synthesis of Small Bioactive  
Molecules

Saint Petersburg State  
University



Secretary

**Polina Paramonova**

postgraduate student,  
laboratory researcher

Saint Petersburg State  
University



# Advances in coordination and inorganic chemistry

## Subjects

Fundamental research of coordination and inorganic compounds

New inorganic compounds and materials

Coordination and supramolecular compounds



Chairman

**Nikita Bogachev**

Dr., Assoc. Prof.

Saint Petersburg State University



Secretary

**Yulia Toikka**

Dr., Assistant

Saint Petersburg State University



# Theoretical chemistry

## Subjects

Quantum  
chemistry

Computational  
chemistry

AI and ML  
in chemistry

Theoretical  
chemical kinetics

Molecular dynamics  
and molecular modelling



Chairman

**Elena Tupikina**

Dr., Assoc. Prof.

Saint Petersburg State  
University



Secretary

**Valerii Verkhov**

postgraduate student,  
research engineer

Saint Petersburg State  
University





# Economics of the chemical industry in the context of modern challenges

## Subjects

Chemical industry under sanctions and import substitution policy in the industry: short-term solutions and long-term strategies

New international and domestic markets, advanced technologies and products of the chemical industry

Closed-loop economy and climate agenda-«green» chemistry solutions

Digitalization of chemical industry enterprises: challenges and opportunities

State support and financing policy for high-tech projects in the chemical industry



Chairman

### Maria Vetrova

Dr. in Economics,  
Associate Professor of the  
Department of Enterprise  
Economics, Entrepreneurship  
and Innovation

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Secretary

### Egor Manzhosov

4th year student of the Faculty  
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More information on Mendeleev 2024 website:



Registration and abstract submission:



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# Plenary Speakers



**Dr.Sci., Prof. Yulia Gorbunova**

Professor of the Russian Academy of Sciences, Academician of the Russian Academy of Sciences, N.S. Kurnakov Institute of General and Inorganic Chemistry Russian Academy of Sciences, Moscow, Russia



**Dr., Prof. Daniel Pasquini**

Institute of Chemistry, Federal University of Uberlândia, Uberlândia, Brazil



**Dr.Sci., Prof. Alexander Terent'ev**

Corresponding Member of the Russian Academy of Sciences, N.D. Zelinsky Institute of Organic Chemistry Russian Academy of Sciences, Moscow, Russia



**Dr. Sci., Prof. Sergei Shtykov**

Department of Analytical Chemistry and Chemical Ecology, Saratov State University, Saratov, Russia



**Dr., Prof. Ping Xu**

Harbin Institute of Technology, Harbin, China



**Dr. Sci., Prof. Artem Oganov**

Professor of the Russian Academy of Sciences, Skolkovo Institute of Science and Technology, Moscow, Russia



**Dr., Prof. Rongxin Su**

State Key Laboratory of Chemical Engineering and Technology, Tianjin University, Tianjin, China



**Dr. Sci., Prof. Olga Korableva**

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**See you at Mendeleev 2024!**