



## XII ALL-RUSSIAN SCHOOL-CONFERENCE OF YOUNG SCIENTISTS "THEORETICAL AND EXPERIMENTAL CHEMISTRY OF LIQUID-PHASE SYSTEMS" (KRESTOV DISCUSSIONS-2019)

October 7 – 11, 2019  
Ivanovo, Russia

G.A. Krestov Institute of Solution Chemistry of Russian Academy of Sciences invites to participate in conference young researchers, PhD students and students from research institutes, universities or industrial enterprises working on research problems which research interests are coincide with announced topics of conference.

### Organisers

- The ministry of education and science of the Russian Federation (Minobrnauka Russia)
- Russian Foundation for Basic Research (RFBR)
- G.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences (ISC RAS)
- Ivanovo State University of Chemistry and Technology (ISUCT)

### Venue

G.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences  
Akademicheskaya st., 1, 153045, Ivanovo, Russia

### Sections and Topics

#### **Section 1.** *Physicochemical investigation methods of liquid-phase systems.*

- 1.1. Theory and simulations (MD, MC, Quantum chemistry methods, statistical mechanics)
- 1.2. Molecular spectroscopy methods in biological and pharmaceutical researches.
- 1.3. Electrochemistry of electrolyte solutions and molten salts.

#### **Section 2.** *Supramolecular chemistry and nanomaterials.*

- 2.1. Macrocyclic compounds and new materials based on them.
- 2.2. Polymeric nanocomposite materials: obtaining and modification technologies.
- 2.3. Sol-gel technologies for obtaining modern nanomaterials.
- 2.4. Supramolecular systems of drug-based compounds.
- 2.5. Supercritical technologies for obtaining modern nanomaterials

**Conference languages** – Russian, English

### Fees:

Participation in the conference is free (no Registration Fee)

### Important dates:

Deadline for registration and abstract submission – **April 21, 2019**

### Committee address

G.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences (ISC RAS)

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### Organizing committee

#### **Chair:**

Prof., Dr. Michael Kiselev

#### **Secretary of Committee:**

Aleksey Manin  
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