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The Federal Agency for Scientific Organizations  
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Institute of Silicate Chemistry RAS  
National Commission on Glass RAS  
Russian Foundation for Fundamental Research  
Russian Ceramic Society  
Joint Scientific Council on Chemical Sciences at  
St.Petersburg Scientific Center RAS



**Russian Conference**  
**«Glass: Science and Practice»**  
**GlasSP2017**

**Saint-Petersburg 6-8 June 2017**

### Dear colleagues!

We invite you to take part in The Russian conference "**Glass: Science and Practice**", which will be held under the auspices of the National Commission on Glass of the Russian Federation. The conference will be held **June 6-8, 2017** in the Institute of Silicate Chemistry of Russian Academy of Sciences (ISC RAS), 199034, St. Petersburg, nab. Makarova, 2.

The conference "**Glass: Science and Practice**" continues the historic tradition of the of USSR's conferences and symposia devoted to the study of the glassy state. The meetings were organized by the State Committee for Science and Technology, Department of Physical Chemistry and Technology of Inorganic Materials of Academy of Sciences of the USSR, and the Institute of Silicate Chemistry. Each meeting was attended by more than 500 professionals, many of these meetings were held with the participation of a representative number of foreign scholars. Proceedings of the majority of these meetings have been translated into English and published abroad. Currently, the scientific centers of the Russian Federation, including the Academy of Sciences and the ISC RAS are successfully continuing the studies of the structure and properties of glasses of different glass-forming systems. The problem of studying of glass state, besides the theoretical value in studying the specific state of matter, and has steadily widened practical value in solving problems on the synthesis of new glasses with desired properties by creating new functional glass, glass ceramics, porous, and other materials with unique physical, chemical, optical and spectroscopic technical properties that make them suitable for the modernization of advanced technologies in optics, photonics, laser equipment, analytical instrumentation, environmental, construction industry and other important areas. The main purpose of the conference "**Glass: Science and Practice**" is to create conditions for the discussion of

topical issues by experts of the fundamental problems of the science of the glass and for efficient interaction of scientists with the representatives of manufacturing, which should provide real opportunities for the introduction of scientific results into practice. The First Conference "**Glass: Science and Practice**" in the new format was held in The Institute of Silicate Chemistry of Russian Academy of Sciences in November 2013 and showed great interest in the glass community.

### PROGRAM

The Program of The conference "**Glass: Science and Practice**" includes discussion of a wide range of topical fundamental and applied problems in the following areas:

- **Section 1.** The nature of the glass state. The structure of glass-forming melts and glasses.
- **Section 2.** Physical and chemical properties of glass-forming melts and glasses.
- **Section 3.** Methods of synthesis of glasses. Technology and manufacture. The new vitreous and glass-crystalline materials: special glass (bio-, sol-gel, oxygen-free, fluoride, porous, etc.); nanocomposites based on glass-forming systems.
- **Section 4.** Practical applications of glass: optics, laser technology and photonics; ecology; building industry. Archeology and art glass.

### Report presentation:

- plenary talks (30 min.);
- oral presentations (15 min.);
- poster presentations;
- exhibition of natural samples;
- presentation of firms.

It is planned awarding of the best young speakers (up to 35 years old) in two categories: "My contribution to the fundamental glass science" and "My scientific idea/development for glass industry".

The conference is being held in conjunction with The National Commission on Glass of Russian Federation.

### Cultural program.

### REGISTRATION

All Conference participants should register through the online registration form by **1 December 2016**.

### KEY DATES

**1 December 2016 – Deadline for registration**

**1 February 2017 - Deadline for abstract submission**

**1 March 2017 - Accepted notification to author**

**6-8 June 2017 - Conference**

Registration fee – 3000 rub., students and young researchers (up to 35 years old) fee – 1000 rub.

Presentation with exhibition samples - 8000 rub.

The registration fee includes one set of conference materials, participation in all events, coffee breaks and welcome reception.

Payment conditions will be given in the second announcement.

### CONTACT INFORMATION

Information about conference is available on the website <http://glassp.ru/>. E-mail of Organizing Committee: [glass2017@isc.nw.ru](mailto:glass2017@isc.nw.ru).

### CONFERENCE VENUE

The Russian conference "**Glass: Science and Practice**" will be held on **June 6-8, 2017** in the Institute of Silicate Chemistry of Russian Academy of Sciences (ISC RAS), 199034, St. Petersburg, nab. Makarova, 2.



The conference will be held during famous St. Petersburg's "White Nights".

**We are looking forward to see you in Saint-Petersburg!**