

25th International Specialized Forum "Glass and Modern Technologies-XXI"



*Scientific and practical conference
November 21-22, 2024*

*Venue: "Gus Glass College" named after G.F. Chekhlov, Vladimir region, Gus-Khrustalny,
Lomonosov st., 28*

Forum theme: "Features of the glass industry in modern conditions. Problems of training specialists using secondary vocational education (SVE) and additional vocational education (AVE) for the glass industry of the Russian Federation and the CIS countries. Prospects for improving the retraining of personnel."

Organizers:

- Association "StekloSouz" of Russia
- Government of Vladimir Region
- State Autonomous Professional Educational Institution of the Vladimir Region
"Gusev Glass College" named after G.F. Chekhlov
- LLC Scientific and Production Center "Glass-Gas"

CO-CHAIRS:

- **Alexander Avdeev**, Governor of the Vladimir region
- **Viktor Osipov**, President of the Association "StekloSouz" of Russia
- **Yuri Filchakov**, Director of the State Autonomous Professional Educational Institution of Higher Education "Gus Glass College" named after G.F. Chekhlov
- **Lyudmila Korshunova**, Head of the Scientific and Technical Center of the SSR, Executive Director of the Scientific and Technical Center "Steklo-Gaz" LLC

NOVEMBER 21

08:00 –10:00 – REGISTRATION OF CONFERENCE PARTICIPANTS

10:00 – GRAND OPENING OF THE CONFERENCE

- ❖ Welcome speech by the President of the Association "StekloSouz" of Russia **Viktor Osipov**, the Governor of the Vladimir region **Alexander Avdeev**, **Yuri Filchakov**, the Director of the State Autonomous Educational Institution of Higher Education "Gusev Glass College" named after G.F. Chekhlov and **Lyudmila Korshunova**, the Head of the Scientific and Technical Center of the SSR, the Executive Director of the Scientific and Technical Center "Steklo-Gaz" LLC.

10:00-13:00 – MORNING PLENARY SESSION

Key Sections:

- ✓ Strategic development goals: glassmaking, industrial processing.
- ✓ Education. Formation of educational programs with the participation of enterprises. Advanced training: SVE, AVE.
- ✓ Research work. Improving the efficiency of glassmaking: machines, equipment, raw materials, cullet, refractories, furnaces, materials.
- ✓ Modern machines and equipment for glass production and industrial processing.

- ✓ Technical re-equipment and renewal of production. Automation. Quality control.
- ✓ Modern energy efficient technologies.
- ✓ Industrial digitalization, automation and robotics are effective tools for managing a modern enterprise. Search for modern solutions.
- ✓ High-quality and affordable raw materials are the basis for high production profitability. Quality of charge mixtures.
- ✓ Prospects for industrial production of raw materials based on glass waste. Reasons hindering the growth of glass waste consumption. Recycling. Energy saving. Prospects.
- ✓ Production of mold sets: special materials and innovations.

13:00-14:00 – Lunch break

14:00-17:00 – EVENING PLENARY SESSION

Key Sections:

- ✓ New sectoral scientific and industrial policy. Strategy and development trends of domestic glass production.
- ✓ Development of nanotechnology. Nanomaterials.
- ✓ Design and thermal installation technologies for increasing the life cycle of glass furnaces. Technical capabilities.
- ✓ Design of glass factories from scientific thought to project implementation.
- ✓ Ecology. EPR. Separate collection. Expected result.
- ✓ Protection of intellectual property. Fight against counterfeiting.
- ✓ Standards. Regulatory framework for quality control. Technical regulation.
- ✓ Technical regulation of the use of refractories and materials in glassmaking.
- ✓ Import substitution. Export. State support.

17:00-17:40 EXPERT DISCUSSION OF PARTICIPANTS. BUSINESS NEGOTIATIONS. DECISION-MAKING.

17:40 – 18:00 CEREMONY: issuing certificates to new members of the Association, awarding students, managers and specialists of plants based on the results of the year, presenting Diplomas to winners of the industry competition.

18:15 FRIENDLY DINNER on the occasion of GLASS INDUSTRY WORKER'S DAY
(Admission by invitation).

NOVEMBER 22

10:00-11:30 – MEETING WITH GRADUATE STUDENTS.

11:30-13:00 – VISIT TO GLASS FACTORIES.

13:00-14:00 – Lunch break.

14:00-15:00 – TOUR TO THE GLASS MUSEUM, Gus-Khrustalny.

15:00-16:00 – DISCUSSION. SUMMARY. APPROVAL OF DECISIONS.

16:00 – CLOSING OF THE FORUM.