

RESOLUTIONS
OF VI INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE
“METROLOGY OF PHYSICAL AND CHEMICAL MEASUREMENTS”

September, 5-8, Park-Hotel «Morosovka», Moscow region, Russia

1. The VI International scientific and technical conference “Metrology of physical and chemical measurements”, held on September 5-8, 2023, in a face-to-face format, brought together more than 100 participants from 35 organizations from four countries. The Conference established that the topics were aimed at solving topical issues of metrological support in the field of physical and chemical measurements.
2. During the Conference, cognitive and interesting reports were presented aimed at improving the level and quality of metrological work performed, as well as current problems in the field of ensuring the uniformity of measurements.
3. Participants appreciated the high scientific and organizational level of the Conference, the wide scope of the topics and geography of specialists: metrologists from Belarus, China, Russia, and Switzerland took part in the conference. Among the participants were experts from international organizations CCQM (BIPM), ISO, CITAC, IUPAC, representatives of metrological institutes, research institutes of the Russian Academy of Sciences, MSTU, Mosekomonitoring, regional metrological centers of Russia, producers of the measuring instruments, etc.
4. Participants congratulated some colleagues (L.A. Konopelko (VNIIM named after D.I. Mendeleev), P.V. Migal (UNIIM-VNIIM) and D.V. Ivashenko (BelGIM)) on happy birthdays. Thanked them for their contribution to metrological activities and wished health and further success.
5. The Conference noted the importance of the topics discussed related to metrological support in Russia at the Round Tables and approved the decisions made, namely:
 - a. Recommend VNIIFTRI to consider the possibility of developing working standards for ion activity and standard titres of redox potential (ORP) to ensure the metrological support for a wider range of measuring instruments, and put the topic for discussion in the appropriate Rosstandart commission.
 - b. In order to provide measurement laboratories with a documentary confirmation of GSO in which there is an unambiguous interpretation of the traceability to the corresponding GET, and the importance of the existing problem, recommend the Rosstandart Commission on Physico-Chemical Types of Measurement to consider possible ways for resolving this issue at an extraordinary face-to-face meeting.
 - c. Back the improvement of GET 156. Recommend that issues related to the improvement of GET 156 and the development of a state verification scheme to consider at the appropriate Rosstandart Commissions, possibly joint ones.
 - d. Taking into account the current situation in ensuring international traceability in Russia, recommend COOMET TC 1.8 “Physical Chemistry” to promote their activity on interregional comparisons in relevant areas. To involve metrological institutes of countries friendly with Russia and advanced laboratories of the Customs Union countries.
 - e. Taking into account the existing problem associated with the authorship of regulatory documents and the decrease of TC member interest in the framework of which the document is being developed, to contact GOST R to ask about an advice on possible ways to make changes in the corresponding procedure of developing standards
6. The participants noted the high significance of the Conference for metrological practice in general and approved the decision of VNIIFTRI to hold the next Conference in September 2025 in a face-to-face format.
7. The Conference recommends authors to submit articles on the Conference reports by October 30, 2023 to the Organizing Committee to organize the review procedure and publication in the open access journal.
8. The Conference recommends authors to format submitted articles in accordance with the requirements of the relevant scientific and technical journal: “Measuring Technique”, “Analytics”, “Almanac of Modern Metrology”, indicating which journal is chosen for publication. The Program Committee and the Editors will decide finally in which journal will be published the article.

9. The Conference thanks the Sponsors and the Information Partners for their contribution to the Conference.
10. The Conference thanked all participants for the high level of presented reports.
11. The venue and exact dates of the next conference will be put on the Conference website and additional announced.