

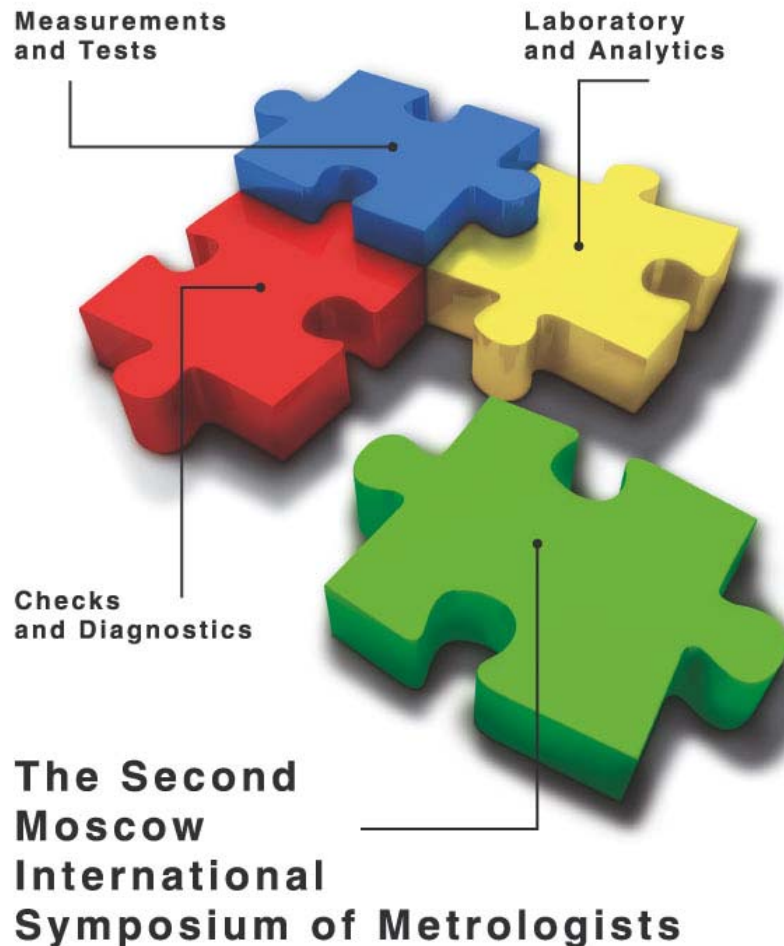
## THE INFORMATION FOR PARTICIPANTS



May 20 – World Metrology Day

# Metrology'2010

International Competitive Exhibition of Measuring Tools, Testing and Laboratory Equipment



May 18-20 • Moscow • VVC • Hall 55

## ABOUT EVENT

### Date and Place of the Event

May 18-20, 2010  
Moscow, VVC, pav.55

### Program of the Event:

- 6th International Competitive Exhibition of Measuring Tools, Testing and Laboratory Equipment “Metrology-2010”
- 2nd Moscow International Symposium of Metrologists
- All-Russian competitive exhibition program “For measuring unity”
- Specialized saloon “Measurements in medicine – 2010”

### The event purposes

A primary objective of the World Metrology Day celebration in Russia is the promotion of precise measurement importance for quality and safety assurance of the products and services.

The sponsor of the event is the Federal Agency for Technical Regulation and Metrology supported by the Government of the Russian Federation, the Ministry of Industry and Trade, the Federal Science and Innovation Agency of the Russian Federation, the Federal Space Agency of the Russian Federation and with participation of a number of international and regional companies.

The exhibition “Metrology” offers over 200 participating companies from 12 countries of the world, up to 20 collective expositions of federal agencies and establishments, public corporations, major holding companies and associations, over 50 regional standardization, metrology and certification centers and metrological institutes, with over 8,500 visitors attending.

The symposium of metrologists includes up to 120 reports on the most topical subjects in the field of metrological support for industrial branches, which will be attended by more than 2500 specialists.

We are convinced that an active participation of companies in the Exhibition “Metrology-2010” and the Symposium of Metrologists will serve a new impulse for development of instrument engineering and the high technologies market.

### General Information

- Number of participating organizations: 200-210
- Number of countries: 12-14
- National expositions: 4-5
- Collective expositions: up to 20
- Total exhibition area: 4500 m<sup>2</sup>
- Number of visitors: 5500-6500
- Symposium sections: 10-12
- Number of reports: 110-120
- Symposium attendees: up 2500

### Types of Participation

- On-stand participation in the exhibition
- Off-site participation in the exhibition
- Participation in the symposium as a speaker
- Participation in the symposium as an attendee
- Sponsorship of the exhibition and the symposium

## ORGANIZERS

### Organizer



Federal Agency for Technical Regulation and Metrology of the Russian Federation

### Assistance

Government of the Russian Federation

### International Partners:

- The International Bureau of Weights and Measures (BIPM)
- International Organization of Legal Metrology (OIML)
- International Measurement Confederation (IMEKO)
- The European Association of National Metrology Institutes (EURAMET)
- European Organization for Quality (EOQ)
- Euro-Asian Cooperation of national metrological institutions (COOMET)
- Asia-Pacific Legal Metrology Forum (APLMF)
- The Asia Pacific Metrology Programme (APMP)

### In partnership with:

- The Ministry of Industry and Trade of the Russian Federation
- The Ministry of Public Health and Social Development
- Federal Science and Innovation Agency of the Russian Federation
- Federal Space Agency of the Russian Federation
- Metrological Service of the Ministry of Defense of the Russian Federation
- The Russian Corporation of Nanotechnologies (Rusnano)
- State Atomic Energy Corporation (Rosatom)
- Russian Technologies (Rostechnologii)
- Housing and Public Utility Sector and United Construction Company
- Russian Railways, JSC
- United Aircraft Corporation, JSC
- Gazprom, JSC
- Russian Metallurgical Groups
- Rosneft, JSC
- The Association of Russian Automobile Manufacturers (KAMAZ, JSC and AvtoVAZ, JSC)
- Academy of Metrology of the Russian Federation
- Russian Chemical Society
- Association of Analytical Centers “Analitika”
- Builders Association of Russia
- regional Centers for Standardization and Metrology and metrological institutes

### Expert Committee:

- FSI “Rostest-Moscow”
- 32 Research and Development Testing Institute of the Ministry of Defense of the Russian Federation

### Management office and Exhibition Operator:

- Weststroy Expo, Ltd.

## SPECIALIZATION EVENT

### Topics of the Exhibition:

- Measuring tools
- Testing equipment
- Equipment for diagnostics and nondestructive control
- Laboratory and analytical equipment
- Medical equipment using measuring tools
- High-precision equipment, machines and robotics

### Metrological Support to the Industries:

- Aerospace industry
- Machine, machine-tool and shipbuilding
- Metallurgy
- Oil and gas industry
- Science and education
- Nanotechnologies
- Atomic and electric power engineering
- Land, air and sea transportation
- Construction and Housing and public utility sector
- Military industrial complex
- Defense complex and national safety (The Ministry of Defense, Federal Security Service, The Ministry of Internal Affairs, The Russian Federation Ministry of Defense and Emergency Response, Federal Customs Service)
- Medicine and pharmaceuticals
- Chemical industry
- Automotive industry
- Radio-electronic industry
- Communications and telecommunication technologies
- Agriculture and food industry
- Extraction and processing of commercial minerals

### Invited specialists:

- Managing and technical directors, managers, procurement specialists
- Metrologists, Metrologists-controller, servicemans
- Heads of laboratories, certification and medical centers
- Production, furnishing managers, technologists
- Engineers, designers, planners
- Scientific and research specialists
- Specialists of the special services (The Ministry of Defense, Federal Security Service, The Ministry of Internal Affairs, The Russian Federation Ministry of Defense and Emergency Response, Federal Customs Service)

## OFFICIALLY ABOUT EVENT



**I.V. Borovkov,**

**Deputy Director of the Central Office of the Government of the Russian Federation**

An extensive exposition of the latest measuring devices and various equipment presented at the exhibition contributes to intensive development of domestic manufacture and competitiveness in the international market, where quality of finished products is the priority.

The exhibition “Metrology” is a traditional place for business meetings of scientists and specialists, experience exchange and taking consultations; it determines the vector of further development of the scientific and technological base of country.



**Andrew Wollard,**

**Professor, Director of the International Bureau of Weights and Measures (BIPM)**

Achievements in metrology encourage new and high-quality products. Such a comprehensive event unites metrologists and manufacturers, which helps to productive discussion of current problems and stimulates establishment of new business ties.

BIPM supports such events and wishes the most successful work to the participants.



**G.I. Elkin,**

**Director of Federal Agency for Technical Regulation and Metrology, Chairman of the Organizing Committee of the Moscow International Symposium of Metrologists**

The event traditionally gathers representatives of domestic and foreign industry and business, specialists professionally engaged in the real sector of the Russian economy, participating in development of new machinery and progressive technologies. It is a tremendous challenge and a tool of domestic industry development. It allows to establish new business ties and contacts in the international market.

Russian manufacturers have been given an opportunity to solve their questions comprehensively, as the format of the exhibition activities includes all the spheres of metrological support of industrial enterprises connected with the general topic of the expositions.



**V.N. Krutikov,**

**Deputy Director of Federal Agency for Technical Regulation and Metrology, Chairman of the Organizing Committee of the Exhibition “Metrology”**

The exhibition “Metrology” includes demonstration of the advanced samples of equipment and technologies as well as an extensive scientific and business program. In 2010, in the framework of the exhibition “Metrology” the 2nd Moscow International Symposium of Metrologists will be held, where the issues of metrology, standardization and certification will be discussed.

I am sure that the exhibition and the business program will contribute to widening of mutually beneficial scientific and technical cooperation.



**A.V. Klimenko,**

Deputy Director of Federal Agency for Science and Innovations, Co-Chairman of the Organizing Committee of the exhibition “Metrology-2009”

Competitiveness of Russia is determined by the rates of international marketing of the products based on the latest scientific and technical achievements.

Over the last few years, the exhibition “Metrology” has proved itself to be one of the leading exhibition sites for display of the advanced inventions, innovative industrial technologies and scientific research results. Metrological equipment displayed at the exhibition is united under the proven combination “Technologies – innovations – manufacture”. The international symposium of metrologists will help to increase the effectiveness of introduction of research and advanced developments, to enhance the science and manufacture interaction.

**A.B. Chubais,**

Director General of the State Corporation “The Russian Corporation of Nanotechnologies”



This exhibition reflects the current state of measurements and tests, including those of nanomaterials and nanomaterial- and nanotechnology-based products. The Corporation will demonstrate at the exhibition the systems of metrological assurance, standardization, assessment and quality approval of nanoindustrial products.

I am confident that the exhibition will serve to increase the competitiveness of the Russian industry and development of domestic high technologies.



**S.V. Kirienko,**

Director General of the State Corporation “Rosatom”

Thanks in large part to the comprehensive approach in metrological assurance of the engineering and scientific processes, reliability, safety and competitiveness of the domestic nuclear establishment was achieved.

Today, in conditions of the active promotion of the Russian nuclear technologies in the international markets, the requirements to the metrological assurance system for the products of nuclear industry multiply, and the motto of the international symposium: "Metrology to support economic development" is plain evidence to it.



**V.N. Bas,**

Director General of Federal State Enterprise “Rostest-Moscow”, Chairman of the Expert Committee of the All-Russian competitive exhibition program “For measuring unity”

There is no activity, where measurements do not have a crucial importance: scientific research, ecology, medicine, transport, communication, fuel and energy industry, construction, housing and public utilities, assurance of defense capacity, nanoindustry.

From 2007, the competition “For measuring unity” has been held in the framework of the exhibition “Metrology” on the basis of the expert committee of Federal State Enterprise “Rostest-Moscow”. Based on the results, tools and equipment, which proved their high metrological characteristics are awarded with “Quality Mark” in one of the five nominations.

## 2nd MOSCOW INTERNATIONAL SYMPOSIUM OF METROLOGISTS

In 2010, the 2nd Moscow International Symposium of Metrologists will be dedicated to the 175th anniversary of passing the regulation on the Russian system of weights and measures



**The symposium motto:** Metrology – support of economic development. The contribution to an overcoming the crisis

**The symposium purpose:** Discussions of ways of the decision of the basic questions in the field of metrological maintenance of industrial branches

### **The symposium program:**

It is placed on an event web-site [www.metrol.expoprom.ru/en](http://www.metrol.expoprom.ru/en)

### **Symposium materials:**

Are published in the collection of works

### **Order of participation in the Symposium:**

For participation in a symposium with the report on a theme or for visiting it is necessary to address in event Management

### **The coordinator of the Symposium**

Lev Konstantinovich Isaev

Vice-president of the International Organization of Legal Metrology (OIML), Member of the International Bureau of Weights and Measures (BIPM), Vice-president of the Academy of Metrology of the Russian Federation

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E-mail: [isaev-vm@vniims.ru](mailto:isaev-vm@vniims.ru)

### **Secretary:**

Julia Vladimirovna Kozireva

Secretary of the Symposium

Tel: +7 (495) 937-40-23

E-mail: [metrol@expoprom.ru](mailto:metrol@expoprom.ru)

### **Official languages:**

Russian, English

# ALL-RUSSIAN COMPETITIVE EXHIBITION PROGRAM “FOR MEASURING UNITY”

## 1. Nominations of the program



Competition for “Quality Mark”  
in one of the five nominations



Competition for Platinum Medal  
“Double Purpose Measuring  
devices”



Competition for Gold Medal of  
the exhibition “Metrology”

## 2. General provisions of the program

The All-Russian competitive exhibition program “For measuring unity” is held to certify tools and equipment related to various measuring, diagnostic, testing and analytical devices, for compliance with high metrological standards and quality. The competition program is held only in the framework of the exhibition “Metrology”, on the basis of expert committees of Federal State Enterprise “Rostest-Moscow” and 32 Research and Development Testing Institute of the Ministry of Defense of the Russian Federation.

Tools and equipment declared for participation in the competition program, are displayed in the framework of the exhibition “Metrology” and the declared characteristics are subject to the expert assessment by the specialists of the testing center Federal State Enterprise “Rostest-Moscow” and 32 Research and Development Testing Institute of the Ministry of Defense of the Russian Federation. Presentation of conformity marks, certificates, medals and diplomas is carried out by the Chairman of the competition program at the solemn ceremony of awarding at the exhibition “Metrology”.

## 3. Provisions of the nomination “For measuring unity” awarding “Quality Mark”

Tools and equipment, which proved their high metrological characteristics and quality, are awarded with “Quality Mark” in one of the five nominations, and with the certificate and supplement, and entered into the register published at the web-site of Federal State Enterprise “Rostest – Moscow”

### 3.1. Nominations of the “Quality Mark”



Quality mark of  
measuring devices



Quality mark for diagnostics  
and non-destructive testing of  
equipment



Quality mark of  
testing equipment



Quality mark of  
laboratory equipment



Quality mark of medical  
equipment using measuring  
devices

### 3.2. Order of participation of companies in the competition for “Quality Mark”

- A company sends to the Management an application for on-site participation in the exhibition “Metrology-2009” to exhibit its products and an inquiry for participation of its products in the competitive program for “Quality Mark”. An individual application is to be filled out for every type of product.
- A company sends an appropriate package of documents to the Expert Commission for the declared product.
- Upon signing an agreement with the Management, Federal State Enterprise “Rostest-Moscow” examines the products.
- In case of refusal to award “Quality Mark”, the Expert Commission gives a reasoned conclusion.

### 3.3. Certificate and supplement to “Quality Mark”



### 3.4. List of documents to be presented to the Expert Commission:

1. Certificate to approve measurement tools (tool or equipment).
2. Standard specifications.
3. Operations manual.
4. List of factors determining a technical level, quality and competitive advantages of measuring devices (tool or equipment).
5. Test reports evidencing the validity of the declared technical level and quality.
6. Copy of Compliance Certificate ISO 9000-1 (if available).
7. Certificates of the Voluntary Certification Systems.
8. Application for participation in the Competition program.

### 3.5. Expert Committee of Federal State Enterprise “Rostest-Moscow”:

31, Nakhimovskiy Ave., Moscow, 117418, Russian Federation

Tel.: +7 (495) 129-12-50

[www.rostest.ru](http://www.rostest.ru)

[alexrs@rostest.ru](mailto:alexrs@rostest.ru)

More detailed information, the state register of measuring devices and equipment certified for Quality Mark, is available at the web-site of Federal State Enterprise “Rostest – Moscow”

## 4. Provisions of the competition program for Platinum and Golden Medal

The competition is held only in the framework of the exhibition “Metrology-2009” with the purpose of awarding organizations for development and manufacture of unique civil and military purpose tools and equipment.

The winners will be awarded with a medal and a respective diploma with right of use of the medal image, when marking or certifying the product. Platinum and Gold medals have only one – the highest – grade.

### 4.1. Diplom for Platinum medal “Double purpose measuring devices” and Gold medal of the exhibition “Metrology”



### 4.2. Order of participation of companies in the competition for Platinum and Gold medal

- A company sends to the Management an application for on-site participation in the exhibition “Metrology-2009” to exhibit its products and an inquiry for participation of its products in the competitive program for Platinum Medal. An individual application is to be filled out for every type of product.
- A company sends an appropriate package of documents to the Management.
- Decision on awarding Platinum medal is taken by the Chairman of the competition program based on the results of assessment by the Expert Commissions of Federal State Enterprise “Rostest-Moscow” and 32 Research and Development Testing Institute of the Ministry of Defense of the Russian Federation.
- In case of refusal to award Gold Medal, the Expert Commission gives a reasoned conclusion.

### 4.3. List of documents to be presented to the Management:

- Certificates, attestations, licenses, patents.
- Main technical characteristics, description and photographs.
- Peculiar characteristics and competitive advantages.

### 4.4. Main assessment criteria:

- strict compliance with the state and industrial standards;
- high metrological characteristics and quality;
- relevance and originality of the development;
- application range and universality of use;
- operation reliability and convenience;
- intuitive operation and interface;
- service, continuing software support and upgrade;
- production volume;
- use of innovative technologies in manufacturing process;
- participation in federal programs of national defense and security\*;

- application in the objects of the defense complex\*;
- military purpose products and products of technical services of power-wielding structures\*;
- long-term guarantee obligations;
- active participation in the voluntary certification programs;
- availability of “Quality Mark” of the program “For measuring unity”;
- availability of "Passport of high metrological production standards and quality of finished products”.

\*Mandatory for Platinum medal "Double purpose measurement devices"

Information about the competition and the winners is placed at the official site of the exhibition [metrol.expoprom.ru](http://metrol.expoprom.ru) and is distributed through mass media publications

## EVENT MANAGEMENT

### **Weststroy Expo, Ltd.**

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E-mail: [metrol@expoprom.ru](mailto:metrol@expoprom.ru)

Web-сайт: [www.metrol.expoprom.ru](http://www.metrol.expoprom.ru)

### **Event Director:**

certified engineer Alexander B. Puchkov, PhD.

### **Manager of the Exhibition:**

Olga Suvorova

### **Secretary of the Symposium:**

Julia Kozireva