



**FEDERAL SERVICE FOR SURVEILLANCE ON CONSUMER RIGHTS PROTECTION
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**Federal Scientific Organization
"Saint-Petersburg Research Institute of Radiation Hygiene
after professor P.V.Ramzaev"**

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INFORMATION LETTER №1

DEAR COLLEAGUES!

Based upon the 2014 organizational action plan and the order of the Director of the Institute № 41 / P from 11.03.2014, Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev" organizes 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation in 2014.

Participation in the competition is open to professionals with high education (magisters/masters of Sc, PhD-students and post-docs) under the age of 39 years.

Papers in the following subject areas will be accepted:

- Radiation safety of the population when using man-made radiation sources ;
- Limitation of the public exposure due to natural radiation sources;
- Optimization of patient protection when using radiation sources in medicine;
- Radiation accidents: decision-making strategy, rehabilitation of contaminated areas;
- Social-hygienic monitoring of radiation factors;
- Improvement of the system for control and accounting of individual doses of the public and workers, radiation-hygienic certification of organizations and territories;
- Optimization of the methods of radiation monitoring;
- Low radiation doses and health monitoring;
- Development of a methodology for assessing radiation risks.

Important dates for the competition:

Acceptance of applications: 15 March 2014 to 15 August 2014

Extramural stage of the competition: August 15 to September 30, 2014

Intramural stage of the competition: October 3, 2014

Announcement of the results: October 3, 2014

All participants will receive certificates of participation. The winners will be awarded a diploma and monetary prizes:

1st place - 50 000 rubles (approx. € 1015)

2nd place - 30 000 rubles (approx. € 609)

3rd place - 20 000 rubles (approx. € 406)

Requirements to the participants:

Papers are accepted in English and in Russian. Application and paper design are presented in the “Statement of the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation” (Appendix 1). Information about the competition committee is presented in Appendix 2. Preparation, travel and accommodation expenses are handled by the applicants.

Information on the results of the contest will appear on the Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev" official website (www.niirg.ru).

The best works of the competition of young scientists and specialists will be published in the "Radiation Hygiene" journal.

Address of the Organizing Committee:

Mira Street 8, 197101 St. Petersburg, Russian Federation

Contact persons:

Vishnjakova Nadezhda – Scientific Deputy Director: 8 (812) 233-50-16;

Goncharova Julia – Chairperson of the Board of Young Scientists: 8 (981)743-36-98.

Responsible persons:

Biblin Artem – Head of international relations department 8 (904) 636-21-64

Vodovatov Aleksandr – Researcher of Medical protection lab. 8 (921) 368-22-79

Application and papers should be sent by e-mail with the tag “Young scientists and specialists competition”, to the e-mail address: tartemij@gmail.com, vodovatoff@gmail.com

Director of
St-Petersburg Research Institute
of Radiation Hygiene
after Professor P.V.Ramzaev

I. K. Romanovich

Appendix 1

STATEMENT

3rd All-Russian competition of young scientists in Radiation Hygiene with international participation

1. General statements

Statement of the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation determines the order of organization of the competition of scientific and innovative works of young scientists.

Basic organization for the competition is the Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev".

The works are accepted in Russian and English languages. The works should be relevant for the scientific and practical activities, innovative, actual and original in the solution of scientific and applied problems in radiation hygiene. The following areas of research are accepted:

- Radiation safety of the population when using man-made radiation sources ;
- Limitation of the public exposure due to natural radiation sources;
- Optimization of patient protection when using radiation sources in medicine;
- Radiation accidents: decision-making strategy, rehabilitation of contaminated areas;
- Social-hygienic monitoring of radiation factors;
- Improvement of the system for control and accounting of individual doses of the public and workers, radiation-hygienic certification of organizations and territories;
- Optimization of the methods of radiation monitoring;
- Low radiation doses and health monitoring;
- Development of a methodology for assessing radiation risks.

In order to participate in the competition the scientific work should be conducted independently by a young scientist or specialist with the age not exceeding 39 years.

Scientific work(s) and accompanying materials for the competition are not refundable.

Literature reviews, works previously submitted to other competitions and PhD theses are not accepted

Copyrights of the participants are protected according to the current Russian legislation.

2. Aims and objectives of the competition

The purpose of the contest:

- the creation of the conditions for the disclosure and implementation of creative abilities of the young scientists and specialists, their support and encouragement of scientific activities, involvement of the young scientists and professionals in innovative activities by creating a competitive environment, the preservation and restoration of intellectual potential.

Objectives of the competition:

- Identifying and promoting the most creative professionals;
- Assessment of levels of scientific training and innovative skills of the young scientists and specialists;
- Stimulation of the creation and implementation of innovative projects by the young scientists and specialists.

3. Categories of participants

Participation in the competition is open to professionals with high education (magisters/masters of Sc, PhD-students and post-docs) under the age of 39 years.

4. Procedure for submission of research projects for the competition and the list of documents

The competition is held in two stages: extramural and intramural. To participate in the competition the following list of documents should be submitted:

- An application for participation in the competition (Appendix 1.1);
- Information about the participant and his/her supervisor (Appendix 1.2, 1.3);
- Supervisor's review of the work (Appendix 1.4);
- The scientific work;
- An abstract;
- List of publications of the participant.

Documents should be submitted in digital format (.pdf or .doc format). Text requirements: one-side print, font – Times New Roman, size - 14, line spacing – 1,5. Margins: Left - 30 mm, right - 15 mm, top – 20 mm, bottom - 20 mm. Pagination is required: center-top.

The first page of the work/paper (and abstract) should include:

- Full name of the author;
- A degree, rank, title (if applicable);
- Place of work;
- The name of study or project.

The volume of the scientific work should not exceed 30 printed pages in A4 format, including tables, figures, and references. The work should be built

according to the standard structure of scientific papers: title page; title; introduction; the main part; conclusions; list of references; application (if available). The contents should also include the name of the sections and paragraphs with pagination.

In the introduction, it is necessary to justify the relevance of the chosen topic, aims and objectives, identify the scientific novelty and actuality.

The section referred to as the main part of the work, should contain the materials and methods, results of the research, and a discussion. This should be followed by the conclusion that should list the main results reached by the author in the research process; indicate practical advice or analysis, the estimated magnitude of use. At the end of the paper there should be a list of references and a list of papers, published by the author, relevant to the topic. It is possible to include additional applications with extra materials (tables, pictures, schemes, etc.)

The applicant can include additional materials, such as reviews, provided by the organization using or intending to use the results of the study; materials or documents, emphasizing the importance of this work. The abstract should not exceed 3 pages of printed text. It identifies goals, objectives, materials and methods, theoretical and (or) practical significance of the results obtained.

5. Order of the best scientific work competition.

For external and inperson stages of the competition, the Competition Committee is created from competent specialists of the Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev" and other scientific institutions. The members of the Committee are approved by the order of the director of the Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev".

Upon receiving of the applications the Competition Committee conducts a formal examination of the documentation and the compliance of the documentation to the competition rules. Applicant's admission of the documents and participation in the competition can be declined in the case of:

- Late submission of the application;
- Inconsistency of the application to the requirements provided in the competition documentation;
- Incomplete or incorrect submission of the required documents;
- Nonconformance of the scientific work to the specialty "Radiation Hygiene".

At the extramural stage of the competition the chairman of the Competition Committee directs each accepted competition work to all the experts of the Committee. On the basis of the received documents, the experts conduct a comprehensive assessment of the work individually, rated on a 5-point scale for each of the following criteria:

- Relevance of scientific work;

- The novelty of research, originality of the hypotheses, solutions or method of its implementation;
- Quality of the literature review;
- Accuracy, reliability and validity of the research;
- Validity of the conclusions;
- The quality of the technical design of the work;
- Scientific and practical significance of the work;
- The accuracy of the data;
- Possibility for further research and implementation;
- Availability of testing and implementation (if any).

Based on analysis of the ratings compiled, the experts create an overall rating of the submitted works. Works with the highest rating, are allowed to participate in the intramural stage of the competition.

The intramural stage of the competition is held in public at the plenary session of the international scientific-practical conference "Actual questions of the Radiation Hygiene" (Hereinafter - Conference) in the presence of at least two thirds of the members of the Competition Committee. Contestants are required to present their work, its features and the basic characteristics (with a demonstration of the illustrative material e.g. PowerPoint presentation). The duration of the report should not exceed 10 minutes. After all participants have presented their works, and the experts have stated their opinions, the Competition Committee starts the discussion. Members of the Committee make the decision secretly voting by a majority of votes with at least two thirds of the members being present on the discussion.

All participants will receive certificates of participation. The final decision of the committee is announced at the closing ceremony of the Conference. Winners of the contest will be awarded a diploma and a monetary prize:

1st place - 50 000 rubles (approx. € 1015)

2nd place - 30 000 rubles (approx. € 609)

3rd place - 20 000 rubles (approx. € 406)

Information on the results of the contest will be provided on the official website of Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev". The best works of the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation will be published in the journal "Radiation Hygiene."

Appendix 1.1
to the Statement of the 3rd
All-Russian competition of
young scientists in Radiation
Hygiene with international
participation

To the Competition
Committee of the 3rd All-
Russian competition of young
scientists in Radiation
Hygiene with international
participation
From _____

Statement

I hereby ask you to include me to the number of participants of the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation - 2014 with the work: "*Title of the work*"

Attached to the application: (specify the entire list of documents)

Date, signature

Appendix 1.2
to the Statement of the 3rd
All-Russian competition of
young scientists in Radiation
Hygiene with international
participation

Information about the author of scientific work

1. Name (full)
2. Day, month and year of birth
3. Institution
4. Which university graduated (a), in which year, specialty by diploma
5. Second degree (if any),
6. Position
7. Degree
8. Academic title
9. Honorary titles
10. Office or home address
11. Phones/E-mail for contacts

Appendix 1.3
to the Statement of the 3rd
All-Russian competition of
young scientists in Radiation
Hygiene with international
participation

Information on supervisor

1. Name (full)
2. Month and year of birth
3. Workplace
4. Position
5. Degree
6. Academic title
7. Honorary titles
8. Office or home address
9. Phones/E-mail for contacts

Appendix 1.4

to the Statement of the 3rd
All-Russian competition of
young scientists in Radiation
Hygiene with international
participation

Supervisor's review

on the scientific work (author (full name), title of work), presented to the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation, 2014. Supervisor's review includes the relevance and novelty of the material and content presented, personal contribution of the author and the conclusion about work compliance to the criteria of participation in the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation

Date, signature, degree, institution

Appendix number 2

APPROVED

Order of the Director of the Federal Scientific Organization "Saint-Petersburg Research Institute of Radiation Hygiene after professor P.V.Ramzaev”

I. K. Romanovich, MD, professor
from 11 March 2014 Number 41 / P

The jury for the 3rd All-Russian competition of young scientists in Radiation Hygiene with international participation

Chairman:	
ROMANOVICH Ivan Konstantinovich	Director of the St-Petersburg Research Institute of Radiation Hygiene after Professor P.V.Ramzaev
Members of the Commission:	
BALONOV Mikhail Isaakovitch	Head of the Protection Laboratory of the St-Petersburg Research Institute of Radiation Hygiene after Professor P.V.Ramzaev
BALTRUKOVA Tatyana Borisovna	Head of the Department of Radiation Hygiene North-western State Medical University named after I.I.Mechnikov
VISHNYAKOVA Nadezhda Mikhailovna	Deputy Director for Science of the St-Petersburg Research Institute of Radiation Hygiene after Professor P.V.Ramzaev
IVANOV Sergei Ivanovich	Dean of the Faculty of Preventive Medicine and Public Health Organization of the Russian Medical Academy of Postgraduate Studies
MUSTAFINA Irina Zakariyanovna	Deputy Head of Department of the hygienic scientific support services of the Office of the scientific sanitary and epidemiological welfare of the population and international activities of the Federal service for surveillance on consumer rights protection and human well-being
PETREEV Igor Vitalievich	Head of the Department of Naval and radiation hygiene of the Military Medical Academy named after S.M.Kirov (by approvement)
REPIN Viktor Stepanovich	Head of the Department of Health of the St-Petersburg Research Institute of Radiation Hygiene after Professor

	P.V.Ramzaev
STAMAT Ivan Pavlovich	Head of the Laboratory of the natural sources dosimetry of the St-Petersburg Research Institute of Radiation Hygiene after Professor P.V.Ramzaev
STEPANOV Sergei Vladimirovich	Head of the Department of the organization of supervision on radiating hygiene, Federal service for surveillance on consumer rights protection and human well-being
TARITA Voldemar Andreevich	Head of the research laboratory of human radiation spectrometry of the Nikiforov Russian Center of Emergency and Radiation Medicine
SHINKAREV Sergei Mikhailovich	Head of the Department of Industrial Radiation Hygiene of the Burnasyan Federal Medical Biophysical Center (by approvement)
LARS JOHAN SOREN MATTSSON	Professor of the department for Medical Radiation Physics at Skåne University Hospital, Malmö, Lund University