

Ministry of Science and Higher Education of The Russian Federation
RUSSIAN ACADEMY OF SCIENCES
“Russian Institute of Radiology and Agroecology”
(RIRAE)

FIRST ANNOUNCEMENT

Dear colleagues!

We kindly invite You to take part in an International Research and Practice Conference

NUCLEAR AND PHYSICAL INVESTIGATIONS AND TECHNOLOGIES IN AGRICULTURE

(to the 50th anniversary of Russian Institute of Radiology and Agroecology)



16-18 September 2020
Russian Federation
Obninsk
RIRAE
www.50.rirae.ru

The conference is held as a part of the events dedicated to the 50th anniversary of the Russian Institute of Radiology and Agroecology.

The aim of the conference is to discuss current issues, summarize, integrate and systematize theoretical and practical knowledge in the field of radiobiology, radioecology, agroecology and application of nuclear and physical technologies in agriculture and food industry.

Conference Objectives:

- the development of intellectual resources and scientific infrastructure in accordance with the objectives of the national project “Science” (Decree of the President of the Russian Federation of May 7, 2018 No. 204 “On National Goals and Strategic Goals of the Development of Russian Federation until 2024);
- exchange of experience and dissemination of new ideas and methods in the field of radiobiological and environmental research and environmental protection measures;
- popularization of scientific research in the field of radiation biology, radioecology and agroecology;
- establishment of creative contacts and cooperation.

Conference languages - *Russian, English*

The conference will be held in the format of plenary and topic sessions, poster exhibition. The Programme of the conference will be determined by the Programme Committee based on the abstracts submitted.

In the frame of the conference will be held

III International Youth Conference
“Topic issues of radiobiology, radioecology and agroecology”

CONFERENCE TOPICS

- **Radiation biology**
 - molecular and cellular radiobiology and radiation genetics
 - radiobiology of plants and animals
 - effects of various types of radiation on microorganisms, pathogens, insect pests
- **Radioecology**
 - migration of radionuclides in natural and agricultural ecosystems
 - monitoring of radiation hazardous facilities and risk assessment
 - issues of rehabilitation of radioactively contaminated territories
 - mathematical modelling, digital technologies in radioecology
- **Agroecology**
 - technogenic and agrogenic soil pollution
 - agroecological monitoring
 - technologies for the rehabilitation of technogenically contaminated agricultural lands
 - migration of heavy metals and pollutants in agroecosystems, mathematical modeling
- **Nuclear and physical technologies in agriculture and food industry**
 - technical means and facilities for radiation treatment of products; experience in establishment of irradiation centres
 - dosimetry and radiation safety, instrument, methodological and software support
 - application of irradiation at treatment of different types of agricultural and food products: safety and quality of products
 - standardization issues: international and national regulatory documents
 - application of various physical methods and combined technologies for processing agricultural and food products (non-ionizing radiation, plasma technology etc.)

CONFERENCE PARTICIPATION

Form of participation

- Oral presentation with publication of the contribution (in presence)
- Poster presentation with publication of the contribution (in presence)
- Publication of the contribution (not in presence)
- Participation as an observer

REGISTRATION

Online registration for participation in the conference is available at www.50.rirae.ru.

Also you can send application form to the Organizing Committee to e-mail: info@rirae.ru. Application form should be submitted as a separate document.

The name of the document should contain Your surname and abbreviation of Your institution.

Participation application form

Surname	
Name	
Patronym or 2nd name (<i>if any</i>)	
Institution (<i>name of organization, address</i>)	
Position	
Academic degree and title	
Telephone/ fax	
E-mail	
Form of participation (<i>oral presentation, poster presentation, only publication, observer</i>)	
Section (according to the list of topics)	
Presentation title	
Authors (<i>please, underline the name of presenting author</i>)	
Date of form completions	
Do you need to book a hotel?	

The Conference Programme will be formed after the paper submission and registration of participants.

Conference Secretariat:

Olga Pronina
Yekaterina Gordienko

E-mail info@rirae.ru
+7 (484) 399-69-94, 399-69-93, 396-48-02

Information about the conference is presented on the website: [http:// www.50.rirae.ru](http://www.50.rirae.ru)

CONFERENCE PROCEEDINGS PUBLICATION

The materials should comply with the Conference topics. The authors are responsible for the accuracy and content of the papers.

The Organizing Committee reserves the right to select the materials for presentation in the conference proceedings.

The publication of materials is free of charge.

The book of Conference Proceedings is assigned to ISBN. The book is indexed in the Russian Science Citation Index.

An electronic version of Conference Proceedings Book will be posted on the conference website (www.50.rirae.ru). The distribution of Conference Proceedings Book for absent participants is carried out electronically on request.

*All materials in Russian or English must be submitted to the Organizing Committee until **May 15, 2020**.*

*Online registration is available at **www.50.rirae.ru**.*

*Also Materials can be submitted to e-mail: **info@rirae.ru**.*

REQUIREMENTS TO MATERIALS FOR PUBLICATION

1. Text documents should be in the format of Microsoft Word (.doc, .docx).

2. The paper limit is **5** pages of **A4** (including the list of references). Times New Roman, font size – **14**. All fields must be **2** cm. Line spacing – **1.0**. Page orientation - book.

All main elements (title, authors, abstract, body text, bibliography, etc.) are separated from each other by one empty line.

3. Paper structure (*for paper in English*).

– **PAPER TITLE** (in capitals, centre alignment);

– **Surname N.P.** of authors (bold, centre alignment);

– *organization, address, country, contact e-mail* (italics, centre alignment);

– abstract (width alignment, indentation – **1.25**);

– *keywords*: **5-6** words, divided with a comma (italic);

– main text of the paper (line spacing - 1, width alignment, indentation –**1.25**);

– tables and figures should be in text (figures' quality must be **300 dpi**) (all figures and tables must have number and title);

– the list of references should be separated by one empty line from the main text. References in the main text should be in square brackets.