

Informational message No. 1

XVIII International Youth Scientific and Practical Conference

"FUTURE OF NUCLEAR POWER - AtomFuture 2022"

November 28-29, 2022, Obninsk, Kaluga Oblast

Dear colleagues!

We invite you to participate in the XVIII International Youth Scientific and Practical Conference "FUTURE OF NUCLEAR POWER - AtomFuture 2022". The Conference is held on the basis of the Obninsk Institute of Atomic Energy - Branch of the National Research Nuclear University "MEPhI", Department of Nuclear Physics and Technology. The participants of the conference are Russian and foreign undergraduate and graduate students, researchers and lecturers, an area of research that relates to nuclear energy and related industries.

Conference Sections:

- 1. Calculation and Design of NPP Reactors*
- 2. Design and Operation of Nuclear Power Plants*
- 3. Control, management and diagnostics of physical installations and industrial objects*
- 4. Ecology and safety of nuclear power engineering*
- 5. Computing and information technologies in nuclear power*
- 6. Radionuclide and radiation biomedicine*
- 7. Prospects for the management of nuclear energy enterprises and other high-tech industries*
- 8. Neurotechnologies in industry and energetics*

Conditions for participation

The conference will be held in a face-to-face format and remotely for participants not from the Kaluga region (optional). In case of restrictions related to the epidemiological situation caused by the spread of COVID-19 coronavirus infection, the conference will be held remotely. The final decision on the form of the conference will be made immediately before the event.

Forms of participation in the conference:

- Full-time participation, with an oral report
 - Remote participation, with an oral report (for participants not from the Kaluga region)
 - Full-time participation, as a listener
1. To participate in the conference, please fill out and sign the application form by November 18, 2022, and mail it to atomfuture@oiate.ru.
 2. To prepare and send to the organizing committee an abstract of up to 2 pages by November 18, 2022 in accordance with the requirements, which are available in the appendix below. Abstracts will be published after the conference.
 3. It is necessary to provide an expert opinion on the possibility of publishing materials in the open press until November 18, 2022.
 4. Please send all applications and documents to atomfuture@oiate.ru.

As a result of the event:

- the abstracts of the reports of the participants will be published in the collection of scientific papers of the conference.

Official languages of the conference: Russian and English.

Organizational fee: not provided.

REQUIREMENTS TO THE MATERIALS

General

Page settings:

- Paper size - format A5:
width 14.8 cm, height 21.0 cm, orientation - portrait
- Margins: 2.0 cm top, 2.0 cm bottom, 2.0 cm left, 2.0 cm right
Binding 0 cm, footers: top 1.5 cm, bottom 1.5 cm

Abstracts of the report

Font: Times New Roman Cyr

Length of abstracts: no more than 2 pages of text.

The order and size of the font:

- Title of the report (**TITLE**) - font size 11 pt, uppercase, bold, center alignment.
- Authors (NAME) separated by comma - font size 11 pt, italic, center alignment, single spacing. Authors' initials are separated from the last name by a space. A space after the comma.
- Organization, city, country - font size 11 pt, lowercase, italic, center alignment, single spacing. If the authors represent different organizations, then these organizations should be numbered with the arrangement of numbers in the form of top indices after the names of the authors in the list of authors, as well as in the form of top indices before the names of organizations in the list of organizations.
- Line-pass, font size 11 pt, single spacing.
- Text of theses of the report - the red line 0.5 cm, font size 11 pt, lowercase, single spacing, automatic hyphenation, alignment to the width.

Example of theses

TITLE TIMES NEW ROMAN CAPITALS 11PH

Initials Surname rapporteur and co-authors, separated by commas, in alphabetical order

Organization, city, country (example: IATE MEPhI, Obninsk, Russia)
[Number in the listing of authors] Name of the organization co-authors (if different)

Here is a sample of design abstracts. The text should be typed in Microsoft Word editor and saved in *.doc, *.docx or *.rtf format. The volume of theses is 1.5-2 pages A5, about 300 words. The font Times New Roman 11.

The title of your paper should be as brief as possible, but it should be as accurate as possible. Avoid vague titles such as "On the subject of..." Remember that a clear and precise title is the most important way to attract the attention of a wide range of scholars to your work.

Illustrations may be included in the text of the abstract if necessary. Resolution of illustrations - not less than 300 dpi. The signature is in Times New Roman 10 regular font.

Fig. Figure 1. Example

If necessary, the text of the thesis may include tables. The name of the table is printed in Times New Roman 10 regular font, single spacing, aligned to the center and separated from the previous text with an empty line.

Table 1

Rules table decoration

<i>Heading 1</i>	<i>Heading 2</i>	<i>Heading 3</i>
Text	Text	Text
Text	Text	Text

It is advisable to include a reasonable number of references to literature in the abstract. References should be given in square brackets, for example: ...in paper [1] with a reference to the list of references.

Used works (no more than 5 sources) are listed at the end of the text under the heading "Literature". Refer only to the works directly cited in the thesis. It is not necessary to list all read on the topic and simply important scientific articles and books in the thesis. The titles should be designed strictly according to the sample:

For a methodical (practical) manual or recommendation. (Authors. Name of the work. City: Edition, year)

For an article in a journal, or a collection of materials

(Authors, Title of the paper// Name of the journal or collection of papers, - City year).

Only Moscow (M.) and Leningrad (L.), aka St. Petersburg (SPb.) are abbreviated. The presence of dots, commas and spaces in the right places, as well as the ratio of capital and small letters is fundamental!

References to Internet sites and electronic publications of articles are arranged in the list of references [3]:

It is allowed to include in the end of the text of the thesis the references to the sources of financing, for example: ...the work was supported by the Russian Foundation for Basic Research (project No. 08-05-00797-a), as well as grants RNP № 2.1.1/1138 and RNP № 2.2.1.1/3846.

Literature

1. E.M. Andreev, V.Yu. Isotopes: properties, obtaining, application-M.: IzdAT, 2000
2. M. Saito, et al., «Advanced Nuclear Energy Systems for Inherent Protected Plutonium Production»// Int. Conf Innovative Technol for Nucl Fuel Cycles and Nucl Power, - Vienna, 2003