

**IV INTERNATIONAL SYMPOSIUM
INNOVATIONS IN LIFE SCIENCES
" Life technologies - Biotech, Food Industry, Pharmacy, Chemistry"**

Information letter № 1

Dear colleagues!

We invite you to participate in the IV International Symposium "INNOVATIONS IN LIFE SCIENCES", which will focus on technologies for biotech, food industry, pharmacy, chemistry and biology.

The symposium will be held on the basis of the Belgorod State National Research University (Belgorod)

May 25-27, 2022 in mixed format.

The main areas of the symposium work are:

Biosciences and Modern Technological Solutions: Integrating Knowledge in the 21st Century.

Modern Technologies in the study of Biodiversity and Plant Introduction.

New Microbiological Technologies.

Chemical and Pharmaceutical Cluster: Education, Science, Production.

Innovative Technologies of the Food Industry.

Key dates:

May 15, 2022 – deadline for registration and acceptance of abstracts

May 25, 2022 – deadline for accepting full-text articles for publication on the Web of Conferences platform

May 25, 2022 - arrival of participants, opening of the symposium, plenary session of conferences

May 26, 2022 - breakout sessions

May 27, 2022 - excursions, departure of participants

It is possible to participate in the symposium in distant format (on-line).

Working languages of the symposium are: Russian, English

Abstracts of reports (up to 2 pages, .doc format) for publication in the collection of articles of the symposium should be drawn up in accordance with the TEMPLATE (appendix). As a result of the symposium, it is planned to publish full-text articles in English (at least 4 full pages, designed according to the TEMPLATE-Appendix 2) on the electronic platform "Web of Conferences" (<https://www.webofconferences.org/>). The primary selection of materials will be carried out by the organizing committee. Then the articles will be the subject to external review. The organizing committee does not plan to edit the articles or return them for revision.

A school for young researchers "**Technology Incubator**" will be held also as part of the symposium.

Within the framework of the school, a round table for young scientists "Science of the future: projects and promising areas" will be held at the Nezhegol recreation center of

BelSU.

Participants of the symposium will be offered the excursion to choose from:

1. Factory Premises No. 1-biotech plant for the production of lysine (Shebekino, Belgorod region).
2. Severny Technopark (VIC-Animal Health) - plant for the production of veterinary drugs (Severny, Belgorod region).
3. BelSU Botanical Garden.
4. Sightseeing tour of the city of Belgorod.

The Organizing Committee does not plan to organize the settlement of full-time participants, but is ready to provide a list of hotels in the city for self-booking by participants.

Detailed information about registration, submission of abstracts and payment of the registration fee will be provided in the information letter № 2.

For additional and up-to-date information, please contact us by e-mail: ILS2022@yandex.ru

Organizing Committee of the Symposium

TEMPLATE FOR PREPARING ABSTRACTS

TITLE (TIMES NEW ROMAN 14, LOWERCASE, BOLD, CENTERED, LINE SPACING 1)

1 empty line

Sidorov A. A.¹, Kuznetsov A. B.² (Authors ' full names, Times New Roman 14, bold, centered, line spacing 1)

1 blank line

1 – full name of the first organization, country, city, e-mail (Times New Roman 12, width alignment, interval 1, no indentation).

2 – second organization (if present)

1 empty line

Abstracts in electronic form (no more than 2 pages, all fields are 25 mm in size, font: Times New Roman 14, width alignment, interval 1, paragraph indent 1 cm). The name of the abstract file should consist of the first author's surname and initials in Latin, for example, SidorovAA. Abstracts should be submitted in Russian or English.

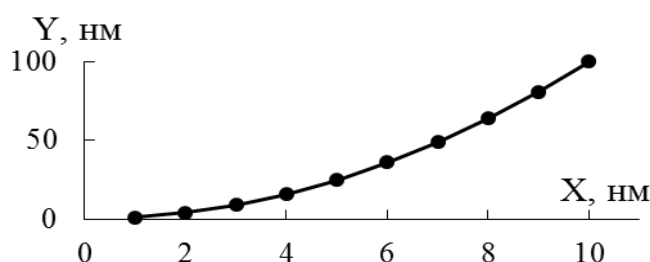


Figure 1. Example of y 's dependence on the x parameter.

Figures and illustrations should be inserted "in the text" (see object format- > position - > > in the text). You can't place objects before or behind the text. Drawings are presented in black and white, and color illustrations will not be reproduced in the collection. If the symbol is in a unicode table, it should be inserted as text, not as a figure or formula ($\pm^\circ\text{\AA}\leftrightarrow$, etc.). Structural formulas of chemical compounds are inserted as figures.

References to literary sources are numbered in square brackets [1] and given in the list of references (References) in the order of their appearance in the text.

Link to support for the work of scientific foundations (Times New Roman 14, text (italics, width alignment, interval 1)

1 empty line

Literature (Times New Roman 12, text (width-aligned))

1. Petrov I. V., Seregin A. A., Yablonov Ya. N. // Journal of Physical Chemistry. 2014. Vol. 91. No. 3. p. 218. (**automatic link numbering is prohibited**)

You should not use formatting such as fields, styles, headers, links, or automatic numbering.

SORRY, ABSTRACTS THAT ARE NOT WRITTEN ACCORDING TO THE RULES WILL NOT BE ACCEPTED FOR PUBLICATION AND WILL NOT BE RETURNED FOR REVISION !

Web of Conferences – 170 x 250 mm paper size, one column format (Arial 16)

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Abstract. You should leave 8 mm of space above the abstract and 10 mm after the abstract. The heading Abstract should be typed in bold 9-point Arial. The body of the abstract should be typed in normal 9-point Times in a single paragraph, immediately following the heading. The text should be set to 1 line spacing. The abstract should be centred across the page, indented 17 mm from the left and right page margins and justified. **It should not normally exceed 200 words. (Times New Roman 9)**

1 Page layout (Arial bold 12)

Use 170 x 250 mm paper size (W x H mm) and adjust the margins to those shown in the Table 1. The final printed area will be 130 x 210 mm. **Do not add any page numbers. Article needs to be longer than an abstract or a short report (4 pages or more)**

Table 1. Setting Word's margins.

Margin	mm
Top	24
Bottom	16
Left	20
Right	20

1.1 Formatting the title, authors and affiliations (Arial bold 10)

1.1.1 Formatting the title (Arial Italic 10)

The title is set in bold 16-point Arial, justified. The first letter of the title should be capitalised with the rest in lower case. You should leave **22 mm of space above the title and 6 mm after the title.**

1.1.2 Formatting author names and author affiliations

The style for the names is First Names, typed in italic 10-point Times, then Last Name, typed in 10-point Times, with a comma after all except the last author, which is separated by comma + “and”. Do not use academic titles.

Affiliations of authors should be typed in 9-point Times. They should be preceded by a numerical superscript corresponding to the same superscript after the name of the author concerned. Please ensure that affiliations are as full and complete as possible and include the country.

1.2 Formatting the text

The text of your paper should be formatted as follows:

- **10-point Times, Times Roman or Times New Roman.**
- The text should be set to single line spacing.
- Paragraphs should be justified.
- **The first paragraph after a section or subsection should not be indented; subsequent paragraphs should be indented by 5 mm.**

The use of sections to divide the text of the paper is optional and left as a decision for the author. Where the author wishes to divide the paper into sections the formatting shown in Table 2 should be used.

Table 2. Formatting sections, subsections and subsubsections.

	Font	Spacing	numbering

Section	12-point Arial bold	6 mm before 3 mm after	1, 2, 3, etc.
subsection	10-point Arial bold	6 mm before 3 mm after	1.1, 1.2, 1.3, etc.
subsubsection	10-point <i>Arial Italic</i>	6 mm before 3 mm after	1.1.1, 1.1.2, 1.1.3, etc.

2 Figures and tables

Figures and tables, as originals of good quality and well contrasted, are to be in their final form, ready for reproduction, pasted in the appropriate place in the text. Try to ensure that the size of the text in your figures is approximately the same size as the main text (10 point). Try to ensure that lines are no thinner than 0.25 point.

2.1 Captions/numbering

Captions should be typed in 9-point Times. They should be centred above the tables and flush left beneath the figures.

2.2 Positioning

Place the figure as close as possible after the point where it is first referenced in the text. If there is a large number of figures and tables, it might be necessary to place some before their text citation.

The quality of the digital images should be at least 300 dpi for figures that will be published in a paper version and at least 150 dpi if it's only an online version

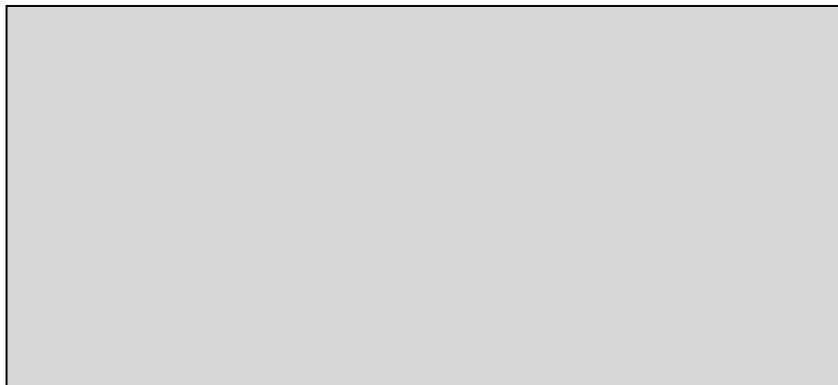


Fig. 1. Caption of the Figure 1. Below the figure. (on the left edge)

2.3 Colour illustrations

You are free to use colour illustrations for the online version of the proceedings, but any print version will be printed in black and white unless special arrangements have been made with the conference organiser. Please check whether or not this is the case. If the print version will be black and white only, you should check your figure captions carefully and remove any reference to colour in the illustration and text. In addition, some colour figures will degrade or suffer loss of information when converted to black and white, and this should be considered when preparing them.

3 Equations and mathematics

Equations should be centred and should be numbered with the number on the right-hand side.

$$T_s(l,t) = T_g(l,t) \tag{1}$$

$$T_s(l,t) = T_g(l,t) T_b(x \rightarrow -\beta, t) = 0 \tag{2}$$

Use italics for variables (*u*) and bold (**u**) for vectors. The order for brackets should be $\{[()]\}$, except where brackets have special significance.

The acknowledgements should be typed in 9-point Times, without title.

References

Online references will be linked to their original source, only if possible. To enable this linking extra care should be taken when preparing reference lists.

References should be cited in the text by placing sequential numbers in brackets (for example, [1], [2, 5, 7], [8-10]). They should be numbered in the order in which they are cited. A complete reference should provide enough information to locate the article. References to printed journal articles should typically contain:

- The authors, in the form: initials of the first names followed by last name (only the first letter capitalized with full stops after the initials),
- The journal title (abbreviated),
- The volume number (bold type),
- The article number or the page numbers,
- The year of publication (in brackets).

Authors should use the forms shown in Table 3 in the final reference list.

Table 3. Font styles for a reference.

Element	Style
Authors	Reference Body (Initials followed by last name)
Journal title	Reference Body (Abbreviated)
Book title, Proceedings title	Reference Body - Book/Proceedings title
Volume number	Reference Volume Bold
Page number	Reference Body
Year	Reference Body (In brackets)

Here are some examples:

1. A. Mecke, I. Lee, J.R. Baker jr., M.M. Banaszak Holl, B.G. Orr, *Eur. Phys. J. E* **14**, 7 (2004)
 2. M. Ben Rabha, M.F. Boujmil, M. Saadoun, B. Bessaïs, *Eur. Phys. J. Appl. Phys.* (to be published)
 3. F. De Lillo, F. Cecconi, G. Lacorata, A. Vulpiani, *EPL*, **84** (2008)
 4. L. T. De Luca, Propulsion physics (*EDP Sciences, Les Ulis*, 2009)
- G. Plancque, D. You, E. Blanchard, V. Mertens, C. Lamouroux, *Role of chemistry in the phenomena occurring in nuclear power plants circuits*, in Proceedings of the International Congress on Advances in Nuclear power Plants, *ICAPP*, 2-5 May 2011, Ni