



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION  
SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES  
Institute of Philosophy and Law  
The Council of Young Scientists

NOVOSIBIRSK STATE UNIVERSITY  
Institute of Philosophy and Law

HUMBOLDT UNIVERSITÄT ZU BERLIN

ERNST ABBE FACHHOCHSCHULE JENA

**XVIII International Conference for Young Researchers  
“ACTUAL PROBLEMS OF HUMAN AND SOCIAL STUDIES”**

October 6–7, 2020  
Novosibirsk, Akademgorodok

Dear colleagues!

We invite you to take part in the XVIII International Conference for Young Scientists “Actual Problems of Human and Social Studies”. The conference is organized by the Institute of Philosophy and Law of the Siberian Branch of the Russian Academy of Sciences and Novosibirsk State University. This year’s conference partners are Humboldt Universität zu Berlin and Ernst Abbe Fachhochschule Jena). The partners of this year’s conference are the Humboldt Universität zu Berlin and Ernst Abbe Fachhochschule Jena. The conference will be attended by scientists and philosophers from different cities of Russia and Germany.

The conference topic areas:

- History of Western philosophy;
- Analytical philosophy;
- Social philosophy;
- Philosophy of science;
- Philosophy of education;
- Philosophy of law;
- Bioethics.

**The main theme of this year’s Conference is  
“MAN AND SOCIETY IN THE ERA OF NEUROTECHNOLOGY”**

The subject of many current academic discussions is the “neuro-turn” in the sciences and social practices. The development of neurotechnologies is not limited to a purely scientific field, but represents a broader phenomenon that affects the dynamics of cultural trends of modern society. This determines the peculiarity of neuroscience as the basis for understanding almost every area of

human life. In 2020, the conference will be devoted to the analysis of the philosophical, social, legal and bioethical consequences of using neurotechnologies.

The following issues are proposed for discussion:

- The boundaries of man and human;
- The problem of free will, human autonomy and sovereignty;
- Neurotechnology and a new technological lifestyle;
- Neurotechnology, neuroscience and a new model of the scientific community;
- Ethics of science in neurotechnology;
- The model of man in neuroscience;
- Humanitarian examination of the introduction of neurotechnologies.

We invite students, postgraduate students, and postdocs to take part in the conference.

The organizing committee has the right to select the abstracts of the talks, as well as the distribution of talks in sections. Preference will be given to the application of the full-time participant.

The working languages of the conference are Russian, English and German.

Plenary presentation time will be 40 minutes, section presentation – 15 minutes.

We accept the results of original studies, which should be presented in the form of abstracts with a clear author contribution. Compilation works are not accepted. Conference proceeding will be published as a separate book. The languages of publication are Russian, English and German (at the choice of the author). The conference proceeding will be indexed in the RSCI (Russian Science Citation Index). Travel and accommodation are paid by participants.

The abstracts of the talks must be 5000-6000 characters with spaces long, Times New Roman, font size 10 with single line spacing. Footnotes must be inside the text in square brackets. Automatic formatting of footnotes is not allowed. Materials are published in the author version.

*Abstract example:*

**APPLICABILITY OF NEWCOMB'S PARADOX  
FOR RESOLVING THE PROBLEM OF ROKO'S BASILISK**

**I.I. Ivanov**

Novosibirsk State University, Novosibirsk  
ivanov2018@yandex.ru

The reported study was funded by Russian Foundation for Basic Research, project No 11-22-3333 “.....”.

This thought experiment considers a hypothetical society, ordered by the efforts of a post-singular AI. It is assumed that such AI is rational and adheres to the values of utilitarianism. In conditions of complete control over the social environment, the main existential threat of AI is not future, but the provision of one's own creation in the past. The author refers to the acausal decision theory, which the LessWrong community often appeals to [1. P. 152]. Controlling completely the present and the future (it is assumed that the super-powerful AI is sufficiently developed for high-precision forecasting [2]), mathematically the greatest threats remain in the past, where the AI did not exist and did not have control [Ibid]. Further, using prognostic abilities, AI will try to calculate how its way of thinking will be interpreted by people of the XXI (or any other) century and what motivation can force it to create this AI, thus minimizing the possibility of not creating it (not so much for reasons of quantum physics as for mathematical reasons). The point is that if people who can provide significant support to the development of AI will fear a possible punishment for incomplete returns or resistance to the creation of AI, they will make every effort to successfully implement such a project. In order for such fears to be grounded, the future AI will expose the “guilty” punishments, which they can be convinced of without waiting for the future, but by calculating the thinking algorithms of rational AI. To interpret this problem, an analogy with the Newcom paradox is often used [3. P. 1640].

**References:**

1. Chase C. *Surviving AI: The promise and peril of artificial intelligence*. Oxford: Clarendon Press, 2015.
2. Vinge V. *Technological singularity* [Web]. URL: <http://www.alt-future.narod.ru/Future/vinge.htm> (accessed: 12.31.2019).
3. Wolpert D.H., Benford G. *The lesson of Newcomb's paradox* // *Synthese*. 2013. Vol. 190. № 9. P. 1637–1646.

*Notes:*

Please use French quotation marks – «...»

Inside the quote use German quotation marks – “...”

Dashes (–) and hyphens (-) should not be mixed up.

References is listed in alphabetical order.

Abstracts should be sent to the following address: [NeuroKonf2020@gmail.com](mailto:NeuroKonf2020@gmail.com)

*Contacts:* you can ask organizational questions to the scientific secretary of the conference – Olga Persidskaya (olga\_alekseevna@mail.ru).

*Dates:*

April 1 - application deadline (without abstract)

August 1 - abstract submission deadline

September 1 - notification of acceptance

October 5 - arrival of participants

October 6-7 - conference work

October 8 - departure of participants

Conference website: <https://www.philosophy.nsc.ru/snm/conference>

**International Conference for Young Researchers  
“Actual Problems of Human and Social Studies”**

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| Name and surname   |  |
| Title of the abstract  |  |
| Topic  |  |
| City   |  |
| Organization   |  |
| Position   |  |
| Email address  |  |
| Telephone number   |  |
| Form of participation in the conference (full-time or part-time) |  |
| Degree   |  |