



National Research Lobachevsky State University of Nizhny  
Novgorod  
The Institute of Philosophy, Russian Academy of Sciences (RAS  
Institute of Philosophy)  
Russian Society for History and Philosophy of Science

*All-Russian Scientific Conference* **“Revolution and  
Evolution: Development Models in Science,  
Culture and Society”**

*Nizhny Novgorod*

*November 24<sup>th</sup> – 25<sup>th</sup>, 2017*

## **The Conference Organizing Committee**

**Ilya Teodorovich Kasavin** – acting Head of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod; Head of the Department at Institute of Philosophy of the RAS; the Organizing Committee Chair, and the Program Committee Chair.

**Vyacheslav Semenovich Stepin** – Full Member of the RAS; Head of Section of philosophy, sociology, psychology and the law of the Branch of social studies of the RAS.

**Aleksandr Aleksandrovich Fedorov** – the rector of Kozma Minin Nizhny Novgorod State Pedagogical University.

**Tatyana Vladimirovna Chernigovskaya** – Head of the Laboratory for Cognitive Studies; Head of the Department of the Problems of Convergence in Natural Sciences and Humanities at St. Petersburg State University.

**Vladimir Natanovich Porus** – Head of School of Philosophy at National Research University Higher School of Economics.

**Steve Fuller** – Professor of the Department of Sociology at the University of Warwick (United Kingdom).

## **The Conference Program Committee:**

**Ilya Teodorovich Kasavin** – acting Head of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod; Head of the Department at Institute of Philosophy of the RAS; the Organizing Committee Chair, the Program Committee Chair.

**Boris Ilyich Bednyi** – Director of the Institute of Doctoral Studies at National research Lobachevsky State University of Nizhny Novgorod.

**Aleksandr Mikhailovich Dorozhkin** – Professor of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

**Vladimir Aleksandrovich Kutyrev** – Professor of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

**Aleksandr Igorevich Malyshev** – acting Head of the Faculty of Physics at National Research Lobachevsky State University of Nizhny Novgorod.

**Igor Dmitrievich Nevvazhay** – Head of the Department of Philosophy at Saratov State Academy of Law.

**Aleksandr Leonidovich Nikiforov** - principal researcher of the Department of Social Epistemology at the Institute of Philosophy RAS.

**Sergey Borisovich Parin** – Head of the Laboratory for Cognitive Psychophysiology at National Research Lobachevsky State University of Nizhny Novgorod.

**Evgeniy Evgenievich Semenov** - Director of the Agency for Scientific Research and Information "Lobachevsky", a member of the Public Chamber of the Nizhny Novgorod Region.

**Andrey Vadimovich Smirnov** - Director of the Institute of Philosophy RAS, Full Member of the Russian Academy of Sciences.

**Vladimir Nikolaevich Chuvildeev** – Head of Physico-Technical Research Institute of National Research Lobachevsky State University of Nizhny Novgorod.

### **Working Group**

**Galina Albertovna Karzhina** - deputy dean for research of the Faculty of Social Science at National Research Lobachevsky State University of Nizhny Novgorod.

**Natalia Nikolayevna Voronina** associate professor of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

**Dmitry Yrievich Shatalov-Davydov** – senior lecturer of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

**Svetlana Viktorovna Shibarshina** – senior lecturer of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

**Artem Markovich Feigelman** – assistant of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod.

## **The Conference Programm**

### **Sections and lections**

#### **24.11.2017**

9.00–10.00 Registration of participants  
10.00–11.30 Plenary Session  
11.30-11.45 Cofee break  
11.45-13.00 Plenary Session  
13.00–14.00 Break  
14.30–17.30 Work in section  
18.00-19.00 Public lection: S. Fuller

#### **25.11.2017 г.**

10.00–11.30 Plenary Session  
11.30-11.45 Cofee break  
11.45-13.00 Plenary Session  
13.00–14.00 Break  
14.30–17.30 Work in section  
18.00-19.00 Public lection: V.S. Stepin

### **Round table discussions**

**24.11.2017 г.**  
**14.00-17.30**

**The round table discussion dedicated to the 55th anniversary of T. Kuhn's 'The Structure of Scientific Revolutions.'**

*Moderators: A.L. Nikiforov, S.M. Antakov.*

**25.11.2017 г.**

**14.00-17.30**

**The round table discussion "The Problem of Social Ideal and the Revolution" for undergraduate and postgraduate students.**

*Moderator: G.A. Karzhina.*

**Conference Procedure**

**Plenary Session**

**Chuprunov E.B.** – rector of the National Research Lobachevsky State University of Nizhny Novgorod. **Opening speech to conference participants.**

**Kasavin I.T.** – acting Head of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod; Head of the Department at Institute of Philosophy of the RAS  
**"Migration: models of development for the time of change"**

**Fedorov A.A.** – rector of Minin State Pedagogical University of Nizhny Novgorod. **Education and revolution: how the «world of childhood» changes in period of forth industrial revolution and who is responsible for that.**

**Chernigovskaya T.V.** - Head of the Laboratory for Cognitive Studies; Head of the Department of the Problems of Convergence in Natural

Sciences and Humanities at St. Petersburg State University. **Biological grounds of human language: evolution or revolution?**

**Aleksandrov Y.I.** – Head of the Laboratory of Institute of psychology, RAS, Head of the Department of psychophysiology of State University of Humanitarian Science. Gen-cultural coevolution, neuropsychic revolution and individual development.

**Porus V.N.** – Head of School of Philosophy at National Research University Higher School of Economics. **Philosophy on a way to contextuality: new prospects of development.**

**Nevvazhay I.D.** – Head of the Department of Philosophy at Saratov State Academy of Law. **Intellectual revolution and evolution in context of existential problems of scientific knowledge.**

### **Session I.**

***The Philosophy of Science: A Historical Perspective and Futurological Projections***

*Chair: A.M. Dorozhkin.*

*Session Secretary: S.V. Shibarshina.*

**1. Dorozhkin Aleksandr Mikhailovich**, Doctor of Philosophical Sciences, Professor of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod, «**Aspects of indeterminacy in models of science growth: misstep or inevitability?**»

**2. Baranetz Natalia Grigoriervna**, Doctor of Philosophical Sciences, Professor of the Department of Philosophy at Ulyanovsk State

University, «**National philosophy of science during 20s-30s of XX century – missed opportunities**».

3. *Voronina Natalia Nikolayevna*, Candidate of philosophical science, associate professor of the Department of Philosophy at National Research Lobachevsky State University of Nizhny Novgorod, «**Mythological grounds of science revolutions**».

4. *Ostanina Olga Aleksandrovna*, Doctor of Philosophical Sciences, Professor, Head of the Department of Philosophy, Vyatka State University, «**Interdisciplinarity as a tendency of socio-humanitarian knowledge development** ».

5. *Shibarshina Svetlana Viktorovna*, Candidate of philosophical science, senior lecturer of the Department of Philosophy, National Research Lobachevsky State University of Nizhny Novgorod, «**Evolution of scientific communication** ».

## Section 2

### *Novation development and the Prospects for Humanity*

*Chair: A.V. Kutyrev.*

*Session Secretary: D.Y. Shatalov-Davydov.*

1. *Opnekov Michail Yrievich*, Doctor of Philosophical Sciences, Professor, Northern (Arctic) Federal University named after M.V. Lomonosov, «**Internet of things, added reality and their influence on Human**».

2. *Kutyrev Vladimir Aleksandrovich*, Doctor of Philosophical Sciences, Professor, National Research Lobachevsky State University of Nizhny



Novgorod, **«Novation technologies as a challenge to sustainable development of society»**.

3. Korolev Andrey Dmitrievich, Candidate of philosophical science, Scientific Secretary of RFS, Institute of Philosophy of the RAS, Moscow, **«Development of biotechnologies and saving human in human being»**.

4. *Shalaev Vladimir Pavlovich*, Doctor of Philosophical Sciences, Professor, dean of the Faculty Faculty of Social technologies at Volga State University of Technology, Yoshkar-Ola., **«Bifurcational character of global community and the change of time»**.

5. *Dakhin Andrey Vasilievich*, Doctor of Philosophical Sciences, Professor, Head of the Department of Philosophy, Nizhny Novgorod Institute of Management, Branch of RANEPa, **«Innovations after modern: metaphysical alternative to postmodern»**.

6. *Boyko Mikhail Evgenievich*, Candidate of History of Arts, member of the Union of writers of Moscow **«Radical hedonism, deprivation of pain and scientific and technological progress: Радикальный гедонизм, депривация боли и научно-технический прогресс: imminent threat»**.

7. Nurullin Rafail Asgatovich Doctor of Philosophical Sciences, Professor, Kazan Federal University, **«Culture as linear production of novations and condition for non-linear development of innovative civilization»**.

### Section 3

*The Evolution of Natural and Artificial Cognitive Systems.*

*Chairs: S.B. Parin, S.A. Polevaya.*

*Session Secretary: S.A. Polevaya.*

1. *Polevaya Sofia Aleksandrovna*, Doctor of Biological Sciences, Professor, Head of the Department of psychophysiology, National Research Lobachevsky State University of Nizhny Novgorod, «**Informational approaches towards objective measurement of subjective parameters of human**».

2. *Parin Sergey Borisovich*, Doctor of Biological Sciences, Professor, head of laboratory of cognitive psychophysiology, National Research Lobachevsky State University of Nizhny Novgorod, «**Evolution of neurochemical mechanisms of control and regulation in living systems**».

3. *Antonets Vladimir Aleksandrovich*, Doctor of Physical and Mathematical Sciences, Professor National Research Lobachevsky State University of Nizhny Novgorod, «**Measurement of sensations: new methods and approaches**».

4. *Kaplan Alexander Yakovlevich*, Doctor of Biological Sciences, Professor, Head of the Department of psychophysiology and neuro-computer interfaces (NNCI) Faculty of Biology, Lomonosov Moscow State University, «**Neuro-interface brain-computer: prospects and issues**».

6. *S.Velikova Dimitrova*, PhD, MD Brussels, Belgium, «**Instrumental methods of cognitive functions evaluation**».

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