



### ***Call for papers***

***for the International scientific forum , to be held on October 12-14, 2018,  
at the Novgorod State University named after Yaroslav-the-Wise,  
Veliky Novgorod, Russia;***

which marks the jubilee of the International Academy of Ecology and Life Protection Sciences (IAELPS) –  
20<sup>th</sup> anniversary of its Novgorod office;  
jointly with the 18<sup>th</sup> International Symposium on Biocosmology (18ISBC),  
on the topic:

*«Ecology and the human, societal and nature management safety in the era of Integralism – contemporary  
challenges and methodologies for their solution: Russian and world traditions and practices, new  
Biocosmological (neo-Aristotelian) perspectives»*

#### **Organizers:**

Novgorod State University named after Yaroslav the Wise (NovSU);  
the Novgorod office of the International Academy of Ecology and Life Protection Sciences (IAELPS);  
Biocosmological Association (BCA)

The modern era (the current 21<sup>st</sup> century), in relation to the foundations of sociocultural activities (including the scientific sphere), is characterized as the time for change; and the latter means, first of all, the task of putting forward new foundations of scientific activity. It is precisely in this perspective, marking the 20<sup>th</sup> anniversary of the Novgorod branch of the IAEPLS, together with the 18<sup>th</sup> International Symposium of the Biocosmological Association – wherein we plan to analyze the current opportunities for using modern (already accepted and dominating) methods and practices in ecological (environmental) and biological activities, but their integration and shared use on the bases of new methodologies of scientific

activity (which are required at the ongoing “time of change”) and, accordingly, putting the latter (exploration and substantiation of new scholarly methodologies) at the centre of this scientific event.

Significantly, the Russian-American scientist Pitirim A. Sorokin substantiated, in his outstanding work (4-volume “Social and Cultural Dynamics”, 1937-1941), That since the XIX century, the sociocultural world – in its dynamic cyclic development and successive replacement of the three main types of sociocultural organization – in our age, the sociocultural world has exhausted the possibilities of the previous Sensate type (based on the methodological foundations of the 17th century), and that the latter is long overdue for replacement by the new (Integralist) sociocultural order and its inherent foundations that are adequate for our (Integralist) 21<sup>st</sup> century. In other words, already for a long time, we do need a transition to the dominance of the following (next) type of general organic order, science and evolvment – the Integralist (integral, intermediate between Sensate and Ideational) sociocultural type (including the institute of science), and it has begun to take shape, and this switchover process is actively developing; however the effective transition to Integralism, which nowadays is even more in demand – it is (as a whole) still is off track, because the new (Integralist) bases for scientific and sociocultural activity are not yet realized.

In this way, the Lithuanian ecologist Edmundas Lekevičius (2006, in his work: "The Russian paradigm in ecology and evolutionary biology: *pro and contra*", available at the scholar's site – <https://elekevicius.lt/> ) - he justifies the need for science to return to the development of the "Russian paradigm" in ecology as the radically different approach in science when compared with the currently prevailing Western positivistic (mathematical-physicalist) scholarly method – strictly reductionist, and which prohibits scientific assumptions on the existence and operation (within the natural things, including the subjects of ecological and evolutionary study) of inherent, telic or goal-driven and integrally organizing (holistic) causes and forces. In his approach, essentially, E. Lekevičius treats the “Russian paradigm” not in terms of antagonism and contrariety, but precisely in the way of essential integrating the possibilities of both approaches! Naturally, in the latter case, the immediate concern is to restore the essential ecological frameworks and backbones of the “Russian tradition” authors’ conceptual constructions (in his paper Lekevičius mentions both the grants of Russian science: Vinogradsky and Vernadsky, noting their foundation of the holistic theory of Biosphere and the foundational concept of biogeocoenosis as the main element in the spatial and temporal organization Biosphere; and their followers – Perelman, Kuznetsov, Kovalsky, Ronov, Beklemishev, Kamshilov, Vologdin, Zavarzin, and others). Herein, the Lithuanian scientist places special emphasis on the commitment of Russian ecologists to a substantive, independent of Western doctrine, methodological grounds, which precisely are approving as leading in scientific world view the foundational principles of Dynamicity (of the inner genesis of a subject’s life activity and growth potentials) and Cyclicity – recycling of ecological and evolutionary processes (based on the circulation of biogenic substances, firstly the trophic cycles, produced *from within*, that is, essentially having the Internal origin). In general, these grounds refer not only to ecological and biological sciences, but also to all other sciences that study life processes. Thereby, in 2009 Lekevičius wrote another article with the talking title “On some analogies between the evolution of ecosystems and the development of the economy: from A. Smith and Ch. Darwin to the latest ideas”.

We should likewise pay close attention to another conclusion of the Lithuanian scholar, that modern biology and ecology follow the scientific methods borrowed in other sciences (studying inanimate nature, and based on the use of mathematical tools). However, the time is ripe for ecology (and biology in general) to generate and develop their own (for living things and animate nature) foundations and methodology – for studying the processes of life based on the recognition of the Organicist (naturalist, cosmist) aetiological and methodological Dynamicity, Cyclicity, Internal telic (goal-driven) potentiality and actuality, and the

possession of abilities both to Self-dependent whole organization (including a biogeocoenosis as the dynamic system), to the evolutionary Self-ascent of biological subjects in the complexity of their overall life organization. Still, however, we are being hostage to the situation in global science that was claimed by Vladimir I. Vernadsky yet in the 1930s. : “It took many years before I realized (in the mid-1930s) the backwardness of philosophy (in its global scale) in the historical moment in the life of mankind, which we are experiencing ... It stands in essence on the basis of the seventeenth century, not realizing the impossibility of studying new phenomena by «old furs» ...” [Vernadsky, 1988].

In general, we expect that scholars from Russia and other countries (both ecologists and biologists, as well as specialists from other fields) who agree with the proposed prospect of scientific research – that scholars will find our proposals interesting and consider their participation for elaborating the given topics as attractive and useful. It is also important to note that in the course of the Biocosmological Association's activities – we have accepted that a need is to restore the Aristotelian authentic conceptual *OrganonKosmology* as the basis and matrix for our development (in the prospects of Organicism and Integralism), first and foremost – for our scholarly clear mutual understanding. In fact, we do need some general (comprehensive) conceptual basis – the matrix (for implementation effective mutual understanding among colleagues, although they apply various scientific approaches, but who recognize the common grounds of the Organicism approaches to the study of physical reality (the substantial world). In our opinion, the best of the existing (matrix) bases is the Aristotelian *OrganonKosmology* (a super-system of all-encompassing rational knowledge that has the essence of Dynamic naturalism). Therefore, the organizers will welcome the correlations (references) of our (potential) participants' abstracts (and the main concepts of their presentations and papers) with the conceptual basis of the scientific Organicism doctrine of Aristotle (recognized world-wide as the Father of Science).

With kindest regards,

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### **Abstracts**

Deadline for Abstract Submission (to the addresses above) – *September 1, 2018*

The abstracts should not exceed 2 pages, and must include:

1. Title of the contribution;
2. Names, academic titles, affiliation (departments, institutes/universities, and cities of authors), email of corresponding author;
3. Key words (3-5);
4. Text (Font – Times New Roman, single spaced, size – 14, margins – 2 cm);
5. Language (Conference) – for the plenary session and the Biocosmological Symposium – English; for AELPS sections – Russian, English.

### **Contributions**

The collection of abstracts will be printed and distributed to participants during the conference.

Full texts of scientific articles are planned for publication in the electronic edition of Proceedings of the conference; the volume of the printed text must not exceed 7 standard pages. Prepared articles should be sent to: [nicmaxim@yandex.ru](mailto:nicmaxim@yandex.ru)

If the prepared works are correlated with the subjects of Biocosmological studies, authors are encouraged to prepare articles and send them to K.S. Khroutski, the editor of the bilingual journal “*Biocosmology – neo-Aristotelism*”, to the address: [biocosmolog@gmail.com](mailto:biocosmolog@gmail.com) (for the peer review and further consideration for publication in the Journal).

**Registration fee, registration of visas, transport and tourist information** – see the main part of the First circular.