



# About

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## *A Foreword from Authors of this Project*

These multimedia electronic books are compiled on the basis of philosophical papers (articles, notes, letters, books) written by Konstantin Tsiolkovsky. The papers are devoted to such eternal concerns as sense, purpose and way of Humankind. Every e-book contains not only the text of the work itself, but also photocopies of its pages in typescript or the author's penscript - as they are stored in the archive.

**We can figure out how important these researches were for humankind from Tsiolkovsky's own assertion that creation of his rocket science theory was only a complementary result, an addition to his philosophic works.**

K. Tsiolkovsky named the aggregate of ideas, hypotheses, theses, which formed the core of his philosophical works, 'Space philosophy'. Its central element is a doctrine (worked out using scientific methods) regarding sense of life and its understanding in the process of implementing moral practice.



For this reason, this series of multimedia books is named 'Space philosophy by K. Tsiolkovsky'.

The scientist wrote a great number of philosophical works, which are little-known to general reader because these works used to be suppressed for decades. These books are an attempt to break through the "plot of silence" over the philosophy created by the Russian space prophet, discoverer and solver of the problems, which beginning of a "space era" put before human civilization.

New way of thinking is impossible without debunking so-called "conventional consciousness", without looking for sense of life beyond daily routine - in the unity of inhabited space.

Addressing his readers, K. Tsiolkovsky says:

*"I will endeavor to recover what got lost by humankind in multitude of millenniums, to find the philosopher's stone it let drop."*

*"Be attentive, strain every nerve to comprehend and understand the asserted. My energy is hardly sufficient to*



*convince you. Add yours and your friends'. No authorities I will allege to in my work, except for authority of exact science, because philosophers with just the opposite opinions can well be found.*

*In general, there is no postulate or concept, which has never been rejected by authorities.*

*Authorities rejected Socrates and all philosophers; they rejected railways, sewing machines and all other inventions. Have a glance at the history of science and technology. There is no single idea which was not rejected by some authorities at one time or another.*

*For your tension, for your attention you will be rewarded – I will not say hundredfold, it is too little, but infinitely. There are no words for expression of this goodness you will get for your effort. There is no measure for this goodness. This measure is infinity."*

**«The Living universe», K. E. Tsiolkovsky, 1923.**

No one could have said better...



Papers of philosophical character make about one third of the scientist's heritage. They can be classified as books, articles and notes, answers to the readers' and correspondents' questions, activity reports, reviews, lists of papers written and published, interviews. What is more, Tsiolkovsky's personal archive contains 112 preparatory materials to his philosophical works – extracts, plans, notes, drafts.

Philosophic texts are currently available as manuscripts and publications.

Their dates vary from May, 1887 to May, 1935. It is worthy of note that the majority of philosophical works and draft materials were written during the last two decades of Tsiolkovsky's life.

Though the total volume of his philosophical heritage is impressive, the papers are far from being equally prepared to be presented before reader audience. It can be said that majority of the texts did not reach the degree of 'maturity' which an author considers necessary for his work to be included into the cultural environment. Tsiolkovsky himself published only 35 of his philosophical works.



## ***Preface to all my works (1932)***

*"In my works I avoid mentioning other works of similar kind. But it absolutely does not mean that I value only works of my own and do not appreciate other toilers of science. Everything I write is certainly inspired by reading books and works by other authors. My conduct is caused not by egoism, not by excessive conceit, but by wish to smoothen things down for both myself and a reader by not piling up names and references.*

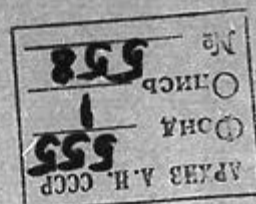
*This is evidenced by the fact that I am ready to retract any claim of priority, whatever I wrote. Let everything be considered borrowings - no hard feelings on my part; and I even already do not recourse to patenting or claiming my priority.*

*Even if I am the last among people of science, it does not offend me".*

**"Preface to all my works", K. Tsiolkovsky, 1932.**

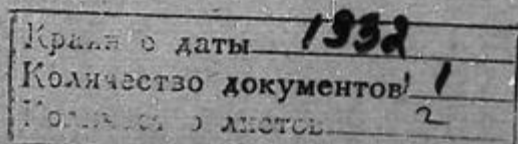
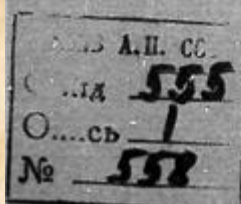


Академия Наук СССР  
АРХИВ



К.Э. Циолковский  
«Предисловие ко всем моим  
трудам.»

МАШИНОПИСЬ С ПРАВКОЙ  
АВТОРА





19322  
24 July

Предисловіе ко всем книжкам  
тирдам.

В своем труде я избегаю  
упоминать о других подоб-  
ных работах. Но это вовсе  
не значит, что я всего уни-  
во самодельные труды и  
не всего дружно трудился  
научил. Все что я пишу ко-  
нечно, является чужим  
лицом и работами других  
авторов. Мне позволено  
обобщать не знаменитых,  
не известных ученых  
достоинство, а только  
обобщать <sup>свои</sup> труды. Не  
буду же нагнетать имен  
и ссылок.

А что же так, видно из  
того, что я хочу уверить  
ся в приращении всего  
что мы создаем. Тускый  
Скажу все замечу -  
Вспомни - я не буду в  
предвзвиз. Я не знаю что  
не предвзвиз - и не предвзвиз  
никогда не предвзвиз. Скажу  
и не предвзвиз. Тускый я V

А. П. Погодин об издании, печати и продаже



относится к

Вставка на стр. 129

Ссылки на других авторов окрасили  
 была крайне мало. Это принадлежало  
 и особенностям методики его работы.  
 Он раскрывает эту свою особенность,  
 как автора, в ~~кратком~~ <sup>кратком</sup> введении  
 к своему труду, озаглавленному: <sup>«</sup>  
 Предисловие ко всем моим трудам  
 и весьма коротенький:

#### ПРЕДИСЛОВИЕ КО ВСЕМ МОИМ ТРУДАМ.

В своих трудах я избегал упоминать о других подобных работах. Но это вовсе не значит, что я ценю только собственные труды и не ценю иных труженников науки. Все что я пишу, конечно, навеяно чтением книг и работами других авторов. Мое поведение объясняется не эгоизмом, не чрезмерною самонадеянностью, а желанием облегчить себя и читателя, не нагружая имен и ссылок.

Что это так, видно из того, что я готов отречься от приоритета всего, что ни сообщу. Пускай считают все заимствованиями — я не буду в претензии и даже уже не прибегаю к патентованию, или утверждению своего приоритета. Пускай я последний из людей науки, меня это не обижает.



## ***Necessity of Cosmic Mindset (1934)***

*"All matter in the Universe is mixed up. A man OR OTHER creature is matter, so IT roams all over the Universe. Destiny of a creature depends on destiny of the Universe. Therefore, every reasonable being must enter into the spirit of history of the Universe. Such a supreme worldview is essential. A narrow POINT OF VIEW can lead to a delusion. Thus, until now people disbelieved cosmic interaction of matter and creatures. They considered the Earth to be isolated and independent from space. The Space seemed not to exist for the Earth. Only the Sun and the Earth were taken into account, and sometimes the solar system and a few bright stars. And now we, even present-day wise men, realized that the Earth is in a sad plight, made incorrect pessimistic conclusions about the fate of mankind and animals on the earth: all is bad, all is imperfect, all is painful, cruel and abysmal. A human being is moved by rough egoism of his short earthly life: grab what you can – that's the cleverest thing for him.*



*What is more, philosophers spread such a view of the Earth to all space. At least, practical thinkers (positivists) ignored it as non-existent or not related to the Earth. All these trillions of suns and planets meant nothing for it.*

*Here we present a number of cosmic axioms, which can elucidate destiny of space, and, accordingly, destiny of a man, animals, plants and inanimate world."*

**"Necessity of Cosmic mindset", K. Tsiolkovsky, 1934.**



Архив Академии наук СССР  
Московское отделение

фонда 555  
описи 1  
ед. хр. 530  
532

Циолковский  
Константин Эдуардович

К. Э. Циолковский  
» Необходимость космической  
точки зрения»  
Статья  
Автограф и машинопись

Нраиние даты 23.X.1934

Ноличество документов 3

Ноличество листов 3л.











статья

К. Ц и о л к о в с к и й .

2

## НЕОБХОДИМОСТЬ КОСМИЧЕСКОЙ ТОЧКИ ЗРЕНИЯ.

/23 октября 1934 г./.

Вся материя во вселенной перемешивается. Человек или другое существо есть материя. Она блуждает по всей вселенной. Судьба существа зависит от судьбы вселенной. Поэтому всякое разумное существо должно проникнуться историей вселенной. Необходима такая высшая точка зрения. Узкая точка зрения может повести к заблуждению. Так до сего времени не верили космическому общению материи и существ. Считали Землю изолированной и независимой от космоса. Последний как бы не существовал для Земли. Важную роль играли только Солнце и Земля, в крайнем же случае, - солнечная система и несколько ярких звезд. И вот мы, даже современные мудрецы проникшись несладкими делами нашей планеты, сделали неверные пессимистические выводы о судьбе человека и земных животных: все плохо, все несовершенно, все мучительно, жестоко и безнадежно. Человеком руководит грубый эгоизм короткой земной жизни: хватай что можешь - умнее ничего нет. Мало этого, такой взгляд на Землю, философы распространили и на весь космос. По крайней мере, практические мудрецы /позитивисты/ его игнорировали, как несуществующий или не относящийся к Земле. Все эти триллионы солнц и планет для нее ничего не значили.

Приведем тут ряд космических истин, способных дать нам правильное представление о судьбе космоса, а стало быть и о судьбе человека, животных, растений и неорганического мира.



## ***Doubtfulness of any philosophy (1934)***

*"My ideas on the universe seem to be the only science-based ones to me.*

*It is subjective indeed.*

*Let us assume that I am wise. But there have been a great number of wise men of other epochs. And all of them were under a delusion and did not possess complete truth.*

*The same I think about myself as well - on the basis of this historical truth. The one thing I am sure is that ideas of mine are not harmful for people: for believers and nonbelievers (i.e. people of pure science) alike.*

*In fact –*

**1.** *Immortality, as theosophists, occultists, et al. understand it, is based on that a pig remains a pig, a wolf remains a wolf, a thief remains a thief or a bit better (a logical concept of the soul).*



*2. Scientific immortality is in the following: every animal, imperfect human and every matter can re-emerge only as a perfect creature or as plants and similar organisms insensible to pain, in each case they subsist in nothingness, i.e. in inanimate matter, where there is no time, no senses - and billions of years pass unnoticed, as though there are none, and they cannot frighten us.*

*What is better?*

*The answer is clear.*

*If I will be believed, it will be to the good.*

*Joy will extend life"*

**"Doubtfulness of any philosophy", K. Tsiolkovsky, 1934.**



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Циолковский  
Константин Эдвардович

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„Сомнительность всякой  
философии”  
Статья  
Машинопись с пометками  
автора

Нрайние даты 12. VII. 1934г.

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Ноличество листов 71. 64.



К. Ц и о л к о в с к и й .

/12 авг. 1934 г./.

**СОМНИТЕЛЬНОСТЬ ВСЯКОЙ ФИЛОСОФИИ.**

Мои идеи о вселенной мне кажутся единственно научными. Это, конечно, суб"ективно.

Допустим, что я мудрец. Но было множество мудрецов иных эпох. И все они заблуждались и не обладали полной истиной.

*приведу* То же я думаю и про себя на основании этой исторической истины. Я в одном уверен, что идеи мои не вредны для людей: для верующих и неверующих /т.е. людей чистой науки/. В самом деле -

1. Бессмертие теософов, оккультистов и проч. состоит в том, что свинья остается свиньей, волк - волком, вор - вором или немного лучше /логическое понятие о душе/.
2. Бессмертие же научное в следующем: всякое животное, несовершенный человек и всякая материя могут возродиться только в образе совершенного существа или в образе растений и поробных безбольных организмов, *в призраке* ✓

Что же лучше? Ответ ясен. Если и поверят мне, то на пользу. Радость же удлинит жизнь.

✓ Сущее они пребывают в небесах, т.е. в неорганической материи, тут неограниченно и вечно и бытие и движение и жизнь и разум и так далее, и так далее, и так далее.



## *About the keeper of the scientist's personal archive*

The keeper of the personal archive of Konstantin Eduardovich Tsiolkovsky (1857 – 1935), inventor and scientist, is Archive of Russian Academy of Sciences.

The personal archive of Tsiolkovsky (fund #555) consists of 5 inventories, containing 1979 folders with 31680 sheets of various documents.

The information resource called 'Tsiolkovsky Archive' was developed by Department of insurance documentary fund from the Archive of Russian Academy of Sciences. It is a database, describing one of the sections of the users' microfiche fund of the Archive of Russian Academy of Sciences - namely, the personal archive of a famous Russian inventor and scientist Konstantin Tsiolkovsky.

To provide specialists, interested in this material, with navigation and search capabilities, appropriate applications were developed. Such fields in the records, as 'file #', 'file



name', 'type of material', 'document creation date' allow users to effectively navigate in all the variety of documents and carry out search for interesting sections, order copies of documents from the fund keeper.

Presently, 100% of the documents in the archive is digitalized and are available to all users. The total number of documents equals 31680 pages.

Creation of 'Tsiolkovsky Archive' information resource are carried out within the framework of the program called 'Integration of information resources of Archive of Russian Academy of Sciences into the Portal of Russian Academy of Sciences'.



## *Tsiolkovsky's Cosmic Philosophy*

**Tsiolkovsky stated that he developed the theory of rocketry only as a supplement to philosophical research on the subject.** He wrote more than 400 works, most of which are little known to the general reader.

Tsiolkovsky wrote a book called "The Will of the Universe". The Unknown Intelligence in 1928 in which he propounded a philosophy of panpsychism. He believed humans would eventually colonize the Milky Way galaxy.

This was the very beginning of Tsiolkovsky's research into space flight problems and was the basis for it. His main work of this subject was "Ethics or the Natural Foundations of Morality" (1902-1918). In 1932 Tsiolkovsky wrote "The Cosmic Philosophy" - the summary of his philosophical ideas. His main idea was to achieve happiness not only for humanity, but also for all the living beings in the Cosmos, for all the Universe. According to Tsiolkovsky's Cosmic Philosophy, "happiness" is the absence of all kind of suffering in all the Universe, for all times, as well as the absence of all of the processes for destroying goodness. How shall we start this evolution to the



"Universal Happiness"? The main task is to study the main laws which rule the Universe. To do so, we must study the Universe, and therefore we must learn how to live in outer space. To begin that long period of our evolution, we will have to design large manned space rockets. So, the first space flight will be the beginning of the new era of space exploration, the beginning of Space Culture in human history. It will be the beginning of our history itself.

Tsiolkovsky was very much as interested in the philosophy of space as he was with the engineering needed to make space flight possible. This was the very beginning of Tsiolkovsky's research into space flight problems and was the basis for it. His main work of this subject was "Ethics or the Natural Foundations of Morality" (1902-1918). In 1932 Tsiolkovsky wrote "The Cosmic Philosophy" - the summary of his philosophical ideas. His main idea was to achieve happiness not only for humanity, but also for all the living beings in the Cosmos, for all the Universe. He believed that human occupation of space was inevitable and would drive human evolution.

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destroying goodness. How shall we start this evolution to the "Universal Happiness"? The main task is to study the laws which rule the Universe. To do so, we must study the Universe, and therefore we must learn how to live in outer space. To begin that long period of our evolution, we will have to design large manned space rockets. So, the first space flight will be the beginning of the new era of space exploration, the beginning of Space Culture in human history. It will be the beginning of our history itself. He truly believed that it was the destiny of humankind to occupy the solar system and then to expand into the depth of the cosmos, living off the energy of the stars to create a cosmic civilization that would master nature, abolish natural catastrophes, and achieve happiness for all.



## Conversion Table

1 verst = 1.067 km = 0.6630 mi.

1 sagene = 2.134 m = 7.0 ft.

1 arshin = 71.12 cm = 28 in.

1 pood = 16.38 kg = 36.38 lb.

1 desiatina = 1.093 ha = 2.70 acre



\*\*\*

K. Tsiolkovsky named the aggregate of ideas, hypotheses, theses, which formed the core of his philosophical works, "The Cosmic Philosophy". Its central element is a doctrine (worked out using scientific methods) regarding sense of life and its understanding in the process of implementing moral practice.

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**"The Living Universe"  
K.Tsiolkovsky, 1923.**



Popular science publication

**Konstantin Eduardovich Tsiolkovsky**

(Russian: Константин Эдуардович Циолковский)

**“The Cosmic Philosophy”**

[www.tsiolkovsky.org](http://www.tsiolkovsky.org)

Head of the Project

Design, layout, makeup

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Website, hosting

Mykola Krasnostup

Tetiana Kolpakova, **Eugene Prodayko**

Alexandra Gamanenko

Sergey Popov

**Everybody is welcome to participate in the Project!**

If you want to support this Project and can do something for it,  
please email us: [mykola.krasnostup@gmail.com](mailto:mykola.krasnostup@gmail.com)