

---

# Actual problems of human life outside the Earth

© G.I. Lovetsky, I.A. Krysin

Bauman Moscow State Technical University, Kaluga Branch, Kaluga, 248000, Russia

*The article considers philosophical, social, political and technical problems of space exploration. A unique feature of the philosophy of Russian cosmism is its practical component: it has become understood that life is a cosmic phenomenon, that solar-terrestrial connections are embodied in the form of a physical agent that exerts a decisive influence on the life activity of a person. A new important stage in space activity is associated with the settling of the Moon and Mars. The authors suggest a classification of earthlings' interests at colonization of the Solar system planets. The idea of creating the first settlements outside the Earth originates from economic, scientific and technical interests that can be realized only by ensuring the conditions of human life and understanding the problems of a philosophical nature.*

**Keywords:** *life as a cosmic phenomenon, Russian cosmism, actual problems of the Moon development, actual problems of the Mars development*

## REFERENCES:

- [1] Chizhevsky A.L. *Zemnoe ekho solnechnykh bur* [Earth echo of solar storms]. Moscow, Mysl Publ., 1973, 349 p.
  - [2] Lovetsky G.I., Padalka O.A., Chizhevsky A.L., Shredinger E. *Voprosy filosofii — The Problems of Philosophy*, 2016, no. 3 (70), pp. 96–115.
  - [3] Chirkova E.N. *Sovremennaya geliobiologiya* [Modern Heliobiology]. Moscow, Gelios Publ., 2005, 520 p.
  - [4] Vladimirov B.M., Temuryants N.A. *Vliyaniye solnechnoy aktivnosti na biosferu-noosferu. Geliobiologiya ot A.L. Chizhevskogo do nashikh dney* [The effect of solar activity on the biosphere-noosphere. Heliobiology from A.L. Chizhevsky to the present day]. Moscow, MNEPU Publ., 2000, 374 p.
  - [5] Kaznacheev V.P., Trofimov A.V. *Ocherki o prirode zhivogo veshchestva i intellekta na planete Zemlya* [Essays on the nature of living matter and intelligence on the planet of Earth]. Novosibirsk, Nauka Publ., 2004, 312 p.
  - [6] Vladimirov Yu.S. *Mezhdru fizikoy i metafizikoy. Kn. 5, Kosmofizika Chizhevskogo* [Between Physics and Metaphysics. Book 5. Chizhevsky's Cosmophysics]. Moscow, LIBROKOM Publ., 2013, 280 p.
  - [7] Chizhevsky A.L. *Zhizn pod znakom Solntsa i elektrona. Vybrannyye mesta iz nauchnogo naslediya uchenogo* [Life under the sign of the Sun and the electron. The selected fragments from the scientific heritage of the scientist]. In: Lovetsky G.I. *Nauka i filosofiya nauki. V 3 ch. Chast 3* [Science and philosophy of science. In 3 parts. Part 3]. Moscow, BMSTU Publ., 2014, 336 p.
  - [8] Stepin V.S., Kuznetsova L.F. *Idei i sudby* [Ideas and Destinies]. In: *Filosofiya russkogo kosmizma* [The philosophy of Russian cosmism]. Moscow, Fond Novoye tysyacheletiyey Publ., 1996, 376 p.
  - [9] Pryakhin V.F. *Vestnik RAN — Scientific Journal of RAS*, 2012, vol. 82, no. 11, pp. 1011–1017.
  - [10] Ursul A.D., Ursul T.A. *Na puti k globalno-kosmicheskoy revolyutsii v nauke* [Towards a global-cosmic revolution in science]. In: *Idei K.E. Tsiolkovskogo v innovatsiyakh nauki i tekhniki. Materialy 51-kh Nauchnykh chteniy pamyati K.E. Tsiolkovskogo* [Ideas of K.E. Tsiolkovsky in the innovations of science and
-

- 
- technology. Proceedings of the 51st Scientific Conference to the memory of K.E. Tsiolkovsky]. Kaluga, Zakharov S.I. Publ., 2016, 496 p.
- [11] Denisov V.D. Posadka monopolnoy naplanetnoy bazy na Lunu i Mars [Landing of the monopoly planetary base on the Moon and Mars]. In: *Idei K.E. Tsiolkovskogo v innovatsiyakh nauki i tekhniki. Materialy 51-kh Nauchnykh chteniy pamyati K.E. Tsiolkovskogo* [Ideas of K.E. Tsiolkovsky in the innovation of science and technology. Proceedings of the 51st Scientific Conference to the memory of K.E. Tsiolkovsky]. Kaluga, Zakharov S.I. Publ., 2016, 496 p.
- [12] *Zemlya i Vselennaya — Earth and Universe*, 2015, no. 5, pp. 64–68.
- [13] Lappo E.A., Onoprienko A.M. Prognoz, vozmozhnaya realizatsiya osvoyeniya Luny i vybor trayektorii poleta na osnove predvaritelnykh ekonomicheskikh otsenok [Prognosis, the possible realization of the development of the Moon and the selection of the flight trajectory on the basis of preliminary economic assessments]. *XLI Akademicheskije chteniya po kosmonavtike, posvyashchennye pamyati akademika S.P. Koroleva i drugikh vydaushchikhsya otechestvennykh uchenykh — pionerov osvoeniya kosmicheskogo prostranstva. 24–27 yanvarya 2017 goda. Sbornik tezisov* [XLI Academic Conference on cosmonautics, dedicated to the memory of Academician S.P. Koroleva and other outstanding domestic scientists — pioneers of space exploration. January 24–27, 2017. The collection of abstracts]. Moscow, BMSTU Publ., 2017, 565 p.
- [14] Osipov Yu.Yu., Samarin G.I., Grigoryev A.I. *Vestnik RAN — Scientific Journal of RAS*, 2015, vol. 85, no. 4, pp. 291–298.
- [15] Krichevsky S.V. *Aerokosmicheskaya deyatel'nost. Mezhdistsiplinarnyy analiz* [Aerospace activity. Interdisciplinary analysis]. Moscow, Editorial URSS Publ., 2012, 384 p.
- [16] Simanov A.L., Storozhuk A.Yu. *Filosofiya nauki — Philosophy of Science*, 2012, no. 3 (54), pp. 132–152.
- [17] Kizima V.V. *Voprosy filosofii — The Problems of Philosophy*, 2015, no. 6, pp. 74–84.
- [18] Bodin N.B., Dedov L.V., et al. K voprosu o perekhode ot chetvertogo k shestomu tekhnologicheskomu ukladu ekonomiki [On the issue of transition from the fourth to the sixth technological order of the economy]. *XLI Akademicheskije chteniya po kosmonavtike, posvyashchennye pamyati akademika S.P. Koroleva i drugikh vydaushchikhsya otechestvennykh uchenykh — pionerov osvoeniya kosmicheskogo prostranstva. 24–27 yanvarya 2017 goda. Sbornik tezisov* [XLI Academic Conference on cosmonautics, dedicated to the memory of Academician S.P. Koroleva and other outstanding domestic scientists — pioneers of space exploration. January 24–27, 2017. The collection of abstracts]. Moscow, BMSTU Publ., 2017, 565 p.

**Lovetsky G.I.**, Dr. Sc. (Philosophy), Professor, Department of Philosophy and Political Science, Bauman Moscow State Technical University, Kaluga Branch.  
e-mail: lovetskiy@icloud.com

**Krysin I.A.**, graduate student, Department of Computer Systems and Networks, Bauman Moscow State Technical University, Kaluga Branch. e-mail: imouse101@gmail.com

---