


Portfolio of the academic advisor of the participants of the International Olympiad of the Global Universities Association on the track of postgraduate studies in 2021-2022

	<p>Aleksandr V. Kozlov Doctor of Science, Professor (St.Petersburg State Technical University)</p>
<p>University</p>	<p>Peter the Great St.Petersburg Polytechnic University</p>
<p>English proficiency</p>	<p>Advanced (C1)</p>
<p>Field of study on which the postgraduate student will be enrolled</p>	<p>38.06.01 01 “Economics and management of national economy (by industrial branches)”</p>
<p>List of research projects of a potential supervisor (participation /supervision)</p>	<p>Participation Scientific project №18-010-01119 financed by Russian Foundation for Basic Research “Management of digital transformation of an innovative and industrial cluster as backbone element of a branch digital platform: methodology, tools, practice” (2018-2020)</p> <p>Supervision Scientific project №16-32-00040 supported by Russian Foundation for Basic Research “Theoretical and methodical fundamentals of the regional industrial development management of High North regions” (2016-2018)</p> <p>Participation Grant of the Russian Scientific Foundation (project №14-38-00009). “Programme targeted governance of development of Russian Arctic Zone” (2014-2016)</p>
<p>List of possible research topics</p>	<ul style="list-style-type: none"> • Strategic management of the process of digital transformation of economic systems • Development of corporate governance systems • Management of innovative development of industrial enterprises • Managing the development of the digital infrastructure of a region
<p>Field of study</p>	<p>Research in the domain of management of economic systems in the context of digital transformation and global challenges</p>

Supervisor's research interests	<ul style="list-style-type: none"> • Theory of strategic management of territories in the process of digital transformation; • Development of methods and tools for managing economic systems (enterprises, industries, complexes) in the context of digital transformation of the economy. • Management of innovative development of industrial enterprises
Research highlights	<ul style="list-style-type: none"> • Postgraduate students analyze the modern business environment of business development, the specifics of the digital transformation of the economy in the sectors of the national economy, study methods of making managerial decisions in the process of digitalization of economic systems, including modern methods using elements of artificial intelligence, develop new approaches, methods and methods of management in the conditions of innovative development and digital transformation. • On the basis of the Higher School of Production Management of the Institute of Industrial Management, Economics and Trade to participate in the implementation of the "Priority-2030" Program under the scientific supervision of Prof. Kozlov A. V., the scientific group "Strategic management of territories in the conditions of digital transformation" was created. Within the framework of the work of the scientific group, research will be carried out in the field of the development of the theory and methodology of strategic management of territories, as well as various types of socio-economic systems located within these territories (regions, enterprises, complexes) in the conditions of digital transformation. Graduate students will have the opportunity to participate in research in this direction.
Supervisor's specific requirements	<p>Master Degree in Management or Economics</p>
Supervisor's main publications	<ul style="list-style-type: none"> • Aleksandr Kozlov, Elizaveta Pavlova and Pawel Królas. Classification of parameters of innovative projects in the framework of digital transformation programs for sustainable development of industrial enterprises. E3S Web of Conferences 258, 02021 (2021). doi. 10.1051/e3sconf/202125802021 • S.A. Chernogorskiy, A.V. Kozlov, A.B. Teslya. Game-theoretic modeling of decision-making on state support for the infrastructure development in the Russian Far North. International Journal of System Assurance Engineering and Management, 2020, 11, 10–18 (2020) (Int J Syst Assur Eng Manag (2019)). doi.10.1007/s13198-019-00798-6

- Kozlov, A., Kankovskaya, A., Teslya, A., Kalkowska, J., Wlodarkiewicz-Klimek, H. The dynamics of the level of regional business digitalization: Comparative study of Russia and Poland. ACM International Conference Proceeding Series, 2020, article # 34 doi.10.1145/3446434.3446525
- Kozlov A., Kankovskaya A, Teslya A. Digital infrastructure as the factor of economic and industrial development: case of Arctic regions of Russian North-West. 5th International Scientific Conference «Arctic: history and modernity». 18-19 March 2020. IOP Conf. Series: Earth and Environmental Science 539 (2020) # 012061 doi:10.1088/1755-1315/539/1/012061
- A. Kozlov, S. Gutman, and E. Tereshko. Industry and Entrepreneurship component of the Murmansk region construction complex strategic chart. E3S Web of Conferences, Vol. 91 (05011), 2019. DOI 10.1051/e3sconf/2019910501
- Alexander V. Kozlov, Anna B. Teslya, Sergei A. Chernogorsky. Game Theory Model of State Investment into Territories of Advanced Development in the Regions of Mineral Resources Specialization. Journal of Mining Institute. 2018. Volume: 234 Pages: 498-507.
- Kozlov, Aleksandr; Teslya, Anna; Tereshko, Ekaterina. Strategic map as a tool for increasing the investment attractiveness of the regional construction sector: case of the Murmansk region. MATEC Web of Conference. Volume: 170, Volume 170 (2018). DOI 10.1051/mateconf/201817002005
- Agarkov, Sergey A.; Kozlov, Aleksander V.; Fedoseev, Sergey V.; et al. Major trends in efficiency upgrading of the economic activity in the arctic zone of Russian Federation. Journal of Mining Institute. 2018. Volume: 230 Pages: 209-216. DOI 10.25515/pmi.2018.2.209
- Gutman S.S., Kozlov A.V., Zaychenko I.M., Rytova E.V. The application of the fuzzy sets theory to valuing cumulative labor potential of the region. Proceedings of 2017 20th IEEE International Conference on Soft Computing and Measurements, SCM 2017, p. 621-624. DOI 10.1109/SCM.2017.7970668
- Rytova E. V.; Kozlov A. V.; Gutman S. S.; Zaychenko I. M. Analysis of the Regulatory and Legal Framework of the Socio-Economic Development in the Far North Regions of Russia. Journal of Advanced Research in Law and Economics, [S.l.], v. 7, n. 7, p. 1828-1836, mar. 2017. DOI 10.14505/jarle.v7.7(21).30
- Kozlov A.V, Teslya A.B., Zhangxia. Principles of assessment and management approaches to innovation potential of coal industry enterprises. Journal of Mining Institute. 2017. Vol.223. p 131-138. DOI 10.18454/pmi.2017.1.131