

University	Peter the Great St.Petersburg Polytechnic University
Level of English proficiency	Upper Intermediate
Courses and fields of studies offered for applicants	5.2 <i>Economy</i> 5.2.6 <i>Management</i>
Projects for potential academic supervision	<p>Grant of the President of the Russian Federation for state support of young Russian scientists-candidates of science "Decision support system for making investment and credit decisions for corporate borrowers based on information-statistical and fuzzy-set approaches".</p> <p>Grant "Assessment of creditworthiness and lending conditions of small business entities based on fuzzy-set approach".</p> <p>Analysis of existing and forecasted needs of automotive companies of the Leningrad Region and St. Petersburg for testing (engineering) support of auto components".</p> <p>Efficient services of professional and social support and retention of international specialists of various categories in universities participating in the project to improve the competitiveness of leading universities of the Russian Federation".</p> <p>International academic project Erasmus Plus "Development and implementation of the master's program "Green logistics management": promoting Trans-Eurasian accessibility through sustainable logistics management and ICT competence.</p>
Topics offered for prospective researches	<p>Development of an Organizational Humanistic Maturity Assessment System</p> <p>Humanisation of Digital HR Technologies</p> <p>Conceptual Model of Employee Dignity in Human-Centric Management</p> <p>Ethics of Artificial Intelligence in Human Resource Management</p> <p>Humanistic Approach to Conflict Management in Multicultural Teams</p> <p>Employee Engagement Management Through Humanistic HR Practices in Economic Instability</p> <p>Forming Organizational Culture Based on Humanistic Management Principles</p> <p>Humanistic Personnel Management Practices in Digital Transformation</p> <p>Developing Team Management Tools in Human-Centric Contexts</p> <p>Diffusion Models for Humanistic Innovations and Values in Organisation</p>
	<i>Business and Management</i>
	<i>Supervisor's research interests</i> Human resource management. Humanistic management. Economic and mathematical modeling in management.
	<i>Study program highlights</i> Focus on applied developments for manufacturing organizations, high-tech enterprises and research universities.

 <p>Research supervisor: Nikita S. Lukashevich PhD in Economics (Saint Petersburg State Polytechnical University)</p>	<p>Supervisor's specific requirements:</p> <p>Formed scientific interests in areas close to the specified areas.</p> <p>Mastery of scientific research methods.</p> <p>Skills in writing scientific articles. Existing experience of publishing in peer-reviewed scientific journals.</p> <p>Publication activity (at least 2 articles in peer-reviewed journals on the research topic)</p> <hr/> <p><i>Supervisor's publications</i></p> <ol style="list-style-type: none"> 1. Lukashevich N.S. et al. Stochastic process-based drought monitoring and assessment system: A temporal switched weights approach for accurate and precise drought determination / A. Kh. Muhammad, S. Barykin, D. Karpov [et al.] // PLoS ONE. – 2025. – Vol. 20, No. 2. – P. e0307323. DOI 10.1371/journal.pone.0307323. 2. REDUCTION OF UNCERTAINTY USING ADAPTIVE MODELING UNDER STOCHASTIC CRITERIA OF INFORMATION CONTENT Garanin D.A., Lukashevich N.S., Efimenko S.V., Chernorutsky I.G., Barykin S.E., Kazaryan R., Buniak V., Parfenov A. Frontiers in Applied Mathematics and Statistics. 2023. T. 8. P. 1092156. DOI 10.3389/fams.2022.1092156. 3. TRANSFORMATION OF THE SUSTAINABILITY CONCEPT IN THE SOCIOECONOMIC SYSTEM AND LABOR MARKET Savelyeva N.K., Saidakova V.A., Pirogova O.E., Barykin S.E., Kalinina O., Lukashevich N.S., Krasnov A., Yarchak V., Mikhaylov A., Mottaeva A.B., Pryadko I.P. Information Sciences Letters. 2023. T. 12. № 10. C. 2641-2648. 4. NEXUS BETWEEN FINANCIAL DEVELOPMENT AND ENERGY POVERTY IN ASIAN COUNTRIES IN THE CONTEXT OF TAX BURDEN Mikhailov A.Yu., Barykin S.E., Golub I., Lukashevich N.S., Kalinina O., Nguyen A.P., Yarchak V., Karlibaeva R., Talapbayeva G., Senjyu T. Information Sciences Letters. 2023. T. 12. № 10. C. 2755-2766. 5. AN INNOVATIVE RESOURCE MANAGEMENT FRAMEWORK USING LOGIT-BOOSTED MACHINE LEARNING ALGORITHMS FOR VEHICULAR AD HOC NETWORKS (VANETS) Zhang W., Barykin S.E., Kirillova T.V., Kapustina I.V., Lukashevich N.S., Zaytsev A. Engineered Science. 2023. T. 26. DOI 10.30919/es980. 6. MULTILEVEL PROGNOSIS OF LOGISTICS CHAINS IN CASE OF UNCERTAINTY: INFORMATION AND STATISTICAL TECHNOLOGIES IMPLEMENTATION Lukashevich N., Garanin D., Svirina A. Journal of Open Innovation: Technology, Market, and Complexity. 2018. T. 4. № 1. C. 2.
	<p>Impacts of Supervisor's research (<i>при наличии</i>)</p>