

## Annex F

### Academic staff involved in study programmes of the «Business Informatics» cluster

№	Full name of the teacher	Position	Academic degree, academic title	Sphere of scientific interests	Role in the implementation of the program applied for accreditation
1	Ilyin Igor Vasilievich	Director of the Graduate School of Management and Business, Professor	Doctor of Economic Sciences, Professor	Digital enterprise architecture, complex architectural solutions, digital platforms, digital technologies, data management, IT service management, business process management	Head of the scientific content of the master's program, lecturer of disciplines Enterprise Architecture (in English), IT Service Management (in English)
2	Anisiforov Alexey Borisovich	Associate Professor at the Graduate School of Management and Business	Candidate of Military Sciences	Enterprise architecture. Design and implementation of IS. Management of IP implementation projects. IT infrastructure management	Lecturer of disciplines: Subject-oriented information systems, Information systems life cycle management, Information systems design, Enterprise architecture, Information infrastructure of electronic enterprises
3	Artyomenko Evgeny Sergeevich	Associate Professor	Candidate of Economic Sciences	Mathematical modeling of economic processes, enterprise architecture, database architecture, digital transformation of accounting, control and management systems	Lecturer of discipline Enterprise Architecture
4	Bagaeva Irina Vladimirovna	Associate Professor	Candidate of Political Sciences, Associate Professor	Practice in the basics of management	Teacher of disciplines Documentation support of management, Practice in the basics of management activities
5	Borremans Alexandra Dirkovna	Assistant	_____	Candidate of Science degree applicant. User interface design (UX / UI), IT project management, Agile, cloud computing, digital business	Deputy Director of the Higher School of Economics for International Affairs, is engaged in project work with students, lecturer of disciplines Basics of user interface design, Basics of

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				transformation, enterprise architecture	project activities, Practice for obtaining primary professional skills, including primary skills
6	Dmitrieva Tatiana Alexandrovna	Associate Professor	Candidate of Economic Sciences, Associate Professor	Digital technologies, enterprise architecture, information systems, business process / project / data management	Lecturer of disciplines Information systems and technologies, Databases, Data management
7	Dubhorn Alisa Sergeevna	Senior Lecturer	_____	Candidate of Science degree applicant. IT Service Management (Development to Operations), IT Requirements Management, Enterprise Architecture, Service Oriented Architecture, IT Project Management	Deputy Director of the Higher School of Management for Project Activities, lecturer of disciplines Seminar on Business Informatics (in English), Introduction to Professional Activities, IT Service Management, IT Service Management (in English), Electronic and Mobile Business Service Management, Practice for obtaining professional skills, Practice to acquire primary professional skills, including primary skills and abilities
8	Zorin Viktor Yurievich	Senior Lecturer	_____	Design and implementation of IS.	Lecturer of the discipline Digital technologies in business management
9	Zotova Elizaveta Alexandrovna	Senior Lecturer	_____	Candidate of Science degree applicant. Distance learning technologies	Lecturer of discipline Documentation management
10	Ilyashenko Victoria Mikhailovna	Assistant	_____	Candidate of Science degree applicant. Data management, data analysis, business analysis, digital technologies, data architecture, business process management, development of architectural models of enterprise management.	Lecturer of disciplines Project work on the formation of the IT architecture of an enterprise, Project work on project management for the implementation of architectural solutions, Data management

№	Full name of the teacher	Position	Academic degree, academic title	Sphere of scientific interests	Role in the implementation of the program applied for accreditation
11	Ilyashenko Oksana Yurievna	Associate Professor	Candidate of Pedagogical Sciences, Associate Professor	Data management, data analysis, business analysis, digital technologies, data architecture, business process management, development of architectural models of enterprise management.	Head of Business Informatics, lecturer of disciplines Data warehouses and business analytics, Research work on business analysis technologies, Databases, Data management, Practice for obtaining professional skills, Resource management of a medical organization, Modern technologies for managing the provision of medical care, Educational foresight
12	Kalyazina Sofia Evgenievna	Assistant	—	Candidate of Science degree applicant. Business process modeling, development of architectural solutions	Lecturer of disciplines Business Process Modeling, Project work on the analysis of business processes, Project work on the analysis of information exchange models
13	Kiseleva Elena Grigorievna	Associate Professor	Candidate of Economic Sciences, Associate Professor	Investments in information security, assessment of the commercial efficiency of IP, business analytics	Lecturer of the discipline Practice for assessing the effectiveness of reorganization projects
14	Klimin Anastasiy Igorevich	Associate Professor	Candidate of Economic Sciences, Associate Professor	Digital marketing, e-business, marketing.	Lecturer of disciplines Practice for obtaining primary professional skills and professional experience, Educational Foresight, Graduate Qualification Work Advisor
15	Krasnov Sergey Vasilievich	Associate Professor	Candidate of Technical Sciences, Associate Professor	Information technology, information systems design.	Lecturer of disciplines Informatics, Information systems and technologies, Fundamentals of work in the electronic educational environment
16	Kutuzov Andrey Lvovich	Associate Professor	Candidate of Physical and Mathematical Sciences, Associate Professor	Mathematical models in economics and management, decision theory, economic forecasting	Lecturer Discrete Mathematics, Mathematical Methods in Economics and Management

№	Full name of the teacher	Position	Academic degree, academic title	Sphere of scientific interests	Role in the implementation of the program applied for accreditation
17	Lyovina Anastasia Ivanovna	Associate Professor	Candidate of Economic Sciences, Associate Professor	Business process management, development of architectural solutions (including reference ones), IT project management	Deputy Director of the Higher School of Economics for Research, lecturer of disciplines Business Process Management (in English), Business Process Modeling, Research work for Business Process Management, Research work
18	Marchenko Roman Sergeevich	Senior Lecturer	Candidate of Economic Sciences	Business process modeling, development of architectural solutions (including reference ones).	Lecturer of disciplines Modeling of business processes, Project work on the analysis of business processes
19	Nikonorov Valentin Mikhailovich	Associate Professor	Candidate of Economic Sciences, Associate Professor	Mathematical models in economics and management, decision theory, economic forecasting	Lecturer of the discipline Mathematical methods in economics and management
20	Rostova Olga Vladimirovna	Associate Professor	Candidate of Economic Sciences Associate Professor	Management of projects for the implementation of information systems, Justification of the feasibility and assessment of the effectiveness of information technology projects, the use of information and analytical tools to select options for the development of enterprises	Lecturer of disciplines Management of investments in corporate architecture, Management of investments in the development of e-business, Comprehensive course project
21	Svetunkov Sergey Gennadievich	Professor	Doctor of Economic Sciences, Professor	Mathematical methods of business analytics, economic forecasting, complex-valued economics. Website: <a href="http://sergey.svetunkov.ru/">http://sergey.svetunkov.ru/</a>	Graduate Qualification Work Advisor
22	Silkina Galina Yurievna	Professor	Doctor of Economic Sciences, Professor	Digital platforms, digital technologies, neural networks, DSS, innovation management, project management, modeling of socio-economic processes	Lecturer of disciplines Digital technologies in business management, Innovation management, Modeling of socio-economic processes, Decision support systems, Discrete

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					mathematics, Innovative business models
23	Skripnyuk Jamilya Fatykhovna	Professor	Doctor of Economic Sciences, Professor	Digital marketing, innovative models of enterprise management, the economy of the Arctic zone	Lecturer of the discipline Digital resources in scientific research
24	Dmitry Tikhonov	Associate Professor	Candidate of Economic Sciences, Associate Professor	Statistical data analysis, forecasting models, digital marketing	Lecturer of discipline Data Analysis, Metrics and Measurements in Digital Marketing
25	Tuchkevich Evgeniya Ivanovna	Senior Lecturer	_____	Interface design, raster and vector graphics processing, branding and advertising design.	Lecturer of discipline Branding and advertising design
26	Shaban Anton Pavlovich	Assistant	_____	Candidate of Science degree applicant. Business process modeling, development of architectural solutions.	Lecturer of disciplines Enterprise Architecture, Innovation Management, Innovative Business Models, Project work on project management for the implementation of architectural solutions.
27	Shirokova Svetlana Vladimirovna	Associate Professor	Candidate of Technical Sciences, Associate Professor	Project management for the implementation of information systems, justification of the need for the development and implementation of IT projects, the use of information and analytical tools to select options for the development of enterprises, management of the development of digital enterprises, system analysis and decision-making, e-business and e-commerce.	Engaged in scientific work with students, lecturer of disciplines Project Management, Digital Enterprise Development Management, E-Business, Decision Support Systems, Research work on e-business architecture, Research work on project management, Systems theory, Complex course project

## Employers' representatives

№	Full name of the teacher	Position	Academic degree, academic title	Sphere of scientific interests	Role in the implementation of the program applied for accreditation
1	Bolobonov Daniil Dmitrievich	Assistant	_____	Candidate of Science degree applicant. Data analysis, models of information exchange, architectural models of enterprise management	Lecturer of the discipline Project work on the analysis of information exchange models
2	Grigorieva Anastasia Alexandrovna	Assistant	Candidate of Economic Sciences	Network structures of global corporations, improving business processes in distribution logistics, Internet of Things in distribution logistics, managing sales orders of manufacturing enterprises, enterprise architecture	Graduate Qualification Work Advisor
3	Kuranov Sergey Nikolaevich	Associate Professor	Candidate of Engineering Sciences	Logistic production processes	Lecturer of discipline systems theory
4	Lepekhin Alexander Andreevich	Assistant	_____	Candidate of Science degree applicant. Business process management, development of architectural solutions (including reference ones), IT project management	Lecturer of discipline Project management
5	Makov Konstantin Mikhailovich	Assistant	_____	Candidate of Science degree applicant. IT project management, development of architectural solutions.	Lecturer of disciplines Project work on the formation of the IT architecture of an enterprise, Complex course project
6	Mogilko Dmitry Yurievich	Associate Professor	Candidate of Engineering Sciences	Management systems: business processes, projects, quality and organizational development. Website: <a href="https://bpmstart.bitrix24.site/">https://bpmstart.bitrix24.site/</a>	Lecturer of disciplines Business Process Management, Research work in business process management
7	Pastushenko Yulia Vitalievna	Assistant	_____	Methods and algorithms for programming in the Python environment, IT project management.	Lecturer of disciplines Programming technologies,

					Algorithmization and programming
8	Frolov Konstantin Vladimirovich	Associate Professor	Candidate of Engineering Sciences	Manufacturing (discrete, discrete-continuous, continuous), digital supply chains: transport, warehouse, yard (operational planning, execution), traceability, integrated business planning, project management (project / program, portfolio), idea management, reliability management.	Lecturer of disciplines Corporate information systems (in English), Medical information systems, WRC leadership

### Employers' representatives (Work under a civil contract)

Nº	Full name of the teacher	Position	Academic degree, academic title	Place of work, current position (for employees of organizations whose activities are related to the direction (profile))	Role in the implementation of the program applied for accreditation
1	Zubkov Fedor Alexandrovich	Senior Lecturer	_____	LLC "New Products Technologies" Scrum Master of the Department of Implementation and Development of Agile Development Methodologies	Lecturer in Electronic and Mobile Business (advanced level in English), Digital Marketing and Electronic Commerce
2	Kozdrin Pyotr Romanovich	Associate Professor	Candidate of Philology Sciences	Associate Professor of the Department of Humanities of the Institute of Medical Education of the FSBI "National Medical Research Center named after V.A. Almazov	Lecturer of disciplines Foreign language: in medicine, Foreign language: business English
3	Kubarsky Alexander Vyacheslavovich	Senior Lecturer	_____	Software Engineer, Software Development Department, EPAM SISTEMZ LLC	Lecturer of discipline Web-technologies
4	Laskin Boris Mikhailovich	Associate Professor	Candidate of Physical and Mathematical Sciences	Senior Researcher, St. Petersburg Federal Research Center of the Russian Academy of Sciences (SPIIRAS).	Lecturer of discipline Data Analysis, Metrics and Measurements in Digital Marketing

5	Mirabishvili Luiza Zurabovna	Senior Lecturer	_____	Head of the Department of Labor and Wages at the Federal State Budgetary Institution "National Medical Research Center named after V. A. Almazov" of the Ministry of Health of Russia	Lecturer in Health Economics and Financing
6	Fedorova Olga Dmitrievna	Senior Lecturer	_____	LLC "NIKI" online school "Smart copywriting" - Director of Marketing and Development.	Lecturer of the discipline Development of mobile applications, e-commerce sites and selling pages
7	Tsivina Inna Viktorovna	Senior Lecturer	_____	Managing partner of LLC "Respond"	Lecturer of disciplines Development of mobile applications, e-commerce sites and selling pages
8	Alexey Shipitsyn	Associate Professor	Candidate of Economic Sciences	Project Management LLC as Construction Director	Lecturer of discipline Project management
9	Shcheglova Maria Vladimirovna	Senior Lecturer	_____	Prosecutor's Office of St. Petersburg, Assistant Prosecutor of the Kalininsky District	Lecturer of the discipline Legal aspects

### Teachers of foreign universities

№	Full name of the teacher	Position	Academic degree	Sphere of scientific interests	Role in the implementation of the program applied for accreditation
1.	Gerrits Berry	main place of work - University of Twente / Universiteit Twente, NETHERLANDS	Assistant	Business processes, digitalization, logistics, blockchain	Lecturer of the discipline Research work in business process management (in English)
2.	Schür Peter Cornelis	University of Twente / Universiteit Twente NETHERLANDS	Associate Professor	E-Business, digitalization, logistics, blockchain	Lecturer of the discipline Research work in e-business architecture (in English)
3.	Schroeder Kai Michael	Zuyd University of Applied Sciences GERMANY	Associate Professor	Digitalization, big data, data visualization, UX / UI	Lecturer of the discipline User interface design (in English)
4.	Soft Juho Arvi Santeri	University of Applied Sciences Emden / Leer FINLAND	Professor	Software engineering, project management, quality management of software development and implementation, critical thinking	Lecturer of disciplines Software Engineering (in English), Quality Management of Software Development and Implementation (in English)



5.	Suli Klara Magdolna	Rotterdam University of Applied Sciences, NETHERLANDS	Associate Professor	Blockchain research methods	Lecturer of the discipline Digital Resources in Scientific Research (in English)
6.	Yantunen Sami Tapani	Lappeenranta-Lahti University of Technology LUT FINLAND (2019)	Associate Professor	Project management, software development, requirements engineering	Lecturer of the discipline Project Management (in English)
7.	Alan Abram	University of Quebec (Université du Québec), CANADA	Professor	Project management, IT service management	Open lectures
8.	Joel Rodriguez	National Institute of Telecommunications (Inatel), BRAZIL	Professor	Digitalization, blockchain, Internet of Things	Open lectures

## List of the most important scientific results over the past 3 years

No.	The authors	Name	Imprint (number of pages, year of issue)
1.	Shlyakhto E. V., Ilyin I. V., Conradi A.O. et al.	Medical Organization Management: The Smart Hospital Concept (monograph)	edited by RAS acad. E. V. Shlyakhto, prof. I. V. Ilyin, Corresponding Member of RAS A.O. Konradi. - SPb.: POLYTECH-PRESS, 2020. - 245 p.
2.	Ilyin I.V., Anisimov V.G., Anisimov E.G., Botvin G.A., Gapov M.R., Gasyuk D.P., Ilyashenko O.Yu., Levina A.I., Rodionova E .S., Saurenko T.N.	Mathematical methods and tools for assessing the effectiveness of investments in innovative projects (monograph)	Information publishing educational and scientific center "Strategy of the Future", St. Petersburg, 2018.289 p.
3.	Iljin I.V., Ilyashenko O.Yu., Shirokova S.V.	Modern approaches education in software engineering	St. Petersburg, 2019. 255 p.
4.	Anisiforov A.B., Ilyin I.V., Rostova O.V.	Methods for assessing the effectiveness of information technology projects in business (tutorial)	St. Petersburg, 2018. 127 p.
5.	Ilyin I.V., Ilyashenko O.Yu., Kiseleva E.G.	Enterprise Architecture Investment Management (Study Guide)	St. Petersburg, 2020. 110 p.
6.	Ilin, I., Maydanova, S., Lepekhin, A., Jahn, C., Weigell, J., Korablev, V.	Digital platforms for the logistics sector of the Russian Federation	2021. Lecture Notes in Networks and Systems, 157, pp. 179-188.
7.	Rudskoy, A., Ilin, I.	Metallurgical branch: Aspects of digital transformation of corporate architecture	2019. Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020, pp. 8643-8649.
8.	Moreira, M.W.L., Rodrigues, J.J.P.C., Kumar, N., Saleem, K., Illin, I.V.	Postpartum depression prediction through pregnancy data analysis for emotion-aware smart systems	2019. Information Fusion 47, Pp. 23-31

**Participation in the implementation of research in scientific, scientific and technical programs, international projects over the past 3 years**

No.	Source	Name of programs, projects
1.	Scientific funds of the Russian Federation	<ul style="list-style-type: none"> <li>• RFBR Grant No. 19-010-00579 "Increasing the Economic Efficiency of Management of Medical Organizations in the Digital Economy" (2019-2021) Head: Ilyin I.V., Doctor of Economic Sciences, Professor. Executors: Borremans A.D., Dubgorn A.S., Ilyashenko O.Yu., Levina A.I.</li> <li>• Grant of the Russian Science Foundation No. 19-18-00452 "Digital transformation of Russian business: development of theory and methodology" (2019-2021) Head: Ilyin I.V., Doctor of Economic Sciences, Professor Executors: Svetunkov S.G., Levina A.I., Dubgorn A.S., Bagaeva I.V., Borremans A.D., Zotova E.A., Ilyashenko V.M., Ilyashenko O.Yu., Kalyazina S.E.</li> <li>• RFBR Grant No. 20-010-00955 "Methodology for the implementation of end-to-end digital technologies in the system of business processes of geographically distributed medical organizations" (2020-2022) Head: Dubgorn A.S., senior lecturer. Executors: Bolobonov D.D., Borremans A.D., Ilyashenko O.Yu., Svetunkov S.G.</li> </ul>
2.	Business contracts	<ul style="list-style-type: none"> <li>• Gazpromneft: Gazpromneft STC: Analysis and Algorithmization of the Target Chain of Business Processes of a Vertically Integrated Oil Company (2020) Head: Ilyin I.V., Doctor of Economic Sciences, Professor Executors: Borremans A.D., Dubgorn A.S., Kalyazina S.E., Levina A.I., Marchenko R.S.</li> <li>• MMC "SOGAZ": Survey and reengineering of the system of business processes and workflow, modeling the template of the documentary fund and the list of basic organizational documents for the created medical organizations (2018-2020) Head: Ilyin I.V., Doctor of Economic Sciences, Professor. Performers: Dubgorn A.S., Ilyashenko O.Yu., Levina A.I.</li> <li>• State Unitary Enterprise "Petersburg Metro": Audit of the business process "Preparation of technical requirements" and "Drafting of technical specifications" (2019) Head: Ilyin I.V., Doctor of Economic Sciences, Professor Executors: Dubgorn A.S., Ilyashenko O. Yu., Levina A. I.</li> <li>• Petrolife LLC: Development of a model and IT architecture of an information web platform (2019) Head: Ilyin I.V., Doctor of Economic Sciences, Professor Executed by: Marchenko R.S., Bolobonov D.D.</li> </ul>

## Public recognition of the scientific (scientific and pedagogical) school

Membership in various Russian and foreign scientific organizations (head councils for programs, grants, expert councils of the Higher Attestation Commission, UMO, etc.)	Membership in the international association PMUni (since 2012) Membership in the international association ERCIS (since 2012)
Participation in organizing committees of scientific conferences, editorial boards of scientific journals	GSMB is the organizer of the annual international conference "Digital Technologies in Logistics and Infrastructure" (since 2019), the collection of which is indexed in Scopus; teachers of the program are members of the organizing committee of the conference. Scientific supervisor of the program Ilyin I.V. is a member of the organizing committee of the international conference: V International Scientific Conference "Technological Transformation: A New Role of Man, Machines and Control" (TT-2020)
Participation in scientific (scientific and technical) councils of the government level	Participation in the cluster "Telemedicine"

### Main publications

#### Ilyin Igor Vasilievich

RSCI h-index - 28, Scopus h-index - 19

1. Ilin, I., Maydanova, S., Lepekhin, A., Jahn, C., Weigell, J., Korablev, V. Digital platforms for the logistics sector of the russian federation (2021) *Lecture Notes in Networks and Systems*, 157 , pp. 179-188.
2. Ilin, I., Levina, A., Borremans, A., Kalyazina, S. Enterprise architecture modeling in digital transformation era (2021) *Advances in Intelligent Systems and Computing*, 1259 AISC, pp. 124-142.
3. Ilin, I.V., Levina, A.I., Lepekhin, A.A. Reference Model of Service-Oriented IT Architecture of a Healthcare Organization (2020) *Lecture Notes in Networks and Systems*, 95, pp. 681-691.
4. Ilyin I.V., Serov D.A. Digital technologies for the implementation of investment projects in the field of water supply and sewerage facilities // *Innovations*. 2020. No. 7 (261). P. 33-40.
5. Ilyin I.V., Levina A.I., Borremans A.D., Kalyazina S.E. Meta-model of enterprise architecture in the digital era // *Science and business: ways of development*. 2020. No. 3 (105). P. 36-40.
6. Rudskoy, A., Ilin, I. Metallurgical branch: Aspects of digital transformation of corporate architecture (2019) *Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020*, pp. 8643-8649.
7. Ilin, I.V., Bolobonov, D.D., Frolov, A.K. Innovative business model as a factor in the successful implementation of IIoT in logistics enterprises (2019) *Proceedings of the 33rd International Business*

- Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020, pp. 5092-5102.
8. Ilyin I.V., Ilyashenko O.Yu., Bikkulova Z.U. A reference model of the main business processes of a modern medical organization // Scientific and technical statements of the St. Petersburg State Polytechnic University. Economic sciences. 2019.Vol. 12.No. 4. P. 181-195.
  9. Ilyin I.V., Levina A.I., Dubgorn A.S. Digital transformation as a factor in the formation of architecture and IT architecture of an enterprise // Scientific journal NRU ITMO. Series: Economics and Environmental Management. 2019. No. 3 (38). P. 50-55.
  10. Ilin, I., Levina, A., Iliashenko, O. Enterprise Architecture Analysis for Energy Efficiency of Saint-Petersburg Underground (2018) Advances in Intelligent Systems and Computing, 692, pp. 1214-1223.
  11. Ilin, I., Lepekhin, A., Levina, A., Iliashenko, O. Analysis of Factors, Defining Software Development Approach (2018) Advances in Intelligent Systems and Computing, 692, pp. 1306-1314.
  12. Maidanova S.A., Ilyin I.V. Strategic Approach to Digital Transformation of the Global Shipping Container Line // Logistics and supply chain management. 2018.No. 5 (88). P. 14-28.

### **Anisiforov Alexey Borisovich**

RSCI h-index - 9, Scopus h-index - 4

1. Anisiforov A., Dubgorn A., Lepekhin A. Organizational and economic changes in the development of enterprise architecture // E3S Web of Conferences. - EDP Sciences, 2019 .-- T. 110 .-- P. 02051.
2. Anisiforov A.B., Dubgorn A.S. Organization of enterprise architecture information monitoring // Proceedings of the 29th International Business Information Management Association Conference-Education Excellence and Innovation Management through Vision 2020: From Regional Development Sustainability to Global Economic Growth. - 2017 .-- P. 2920-2930.
3. Glukhov, V.V., Ilin, I.V., & Anisiforov, A.B. (2015, September). Problems of data protection in industrial corporations enterprise architecture. In Proceedings of the 8th International Conference on Security of Information and Networks (pp. 34-37).
4. Ilin I.V., Anisiforov A.B. Improving the efficiency of projects of industrial cluster innovative development based on enterprise architecture model // WSEAS Transactions on Business and Economics. - 2014. - T. 11. - P. 757-764.
5. Anisiforov A.B. Basic principles of formation, development and operation of an enterprise information infrastructure in solving information management problems // Scientific journal NRU ITMO. Series "Economics and Environmental Management". - 2019. - No. 3.

6. Anisiforov A.B., Dubgorn A.S. Scientific principles for the development of information systems architecture and their implementation in the management of organizational and economic transformations at an enterprise // Scientific journal NRU ITMO. Series "Economics and Environmental Management". - 2019. - No. 4.
7. Ilyin I.V., Anisiforov A.B. The use of cloud technologies in the construction of cluster information systems // Economics and Management. - 2012. - No. 7 (81).
8. Ilyin I.V., Anisiforov A.B. The use of cloud technologies in the construction of cluster information systems // Economics and Management. - 2012. - No. 7 (81).

### **Artyomenko Evgeny Sergeevich**

RSCI h-index - 2, Scopus h-index - 1

1. Artemenko E. The roles of top management in digital transformation // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 940. - No. 1. - P. 012014.
2. Balashova E., Artemenko E. Assessment of possible uses of optimization methods and models in resource management of telecommunications enterprises // International Conference on Next Generation Wired / Wireless Networking. - Springer, Cham, 2014. -- P. 526-534.
3. Artemenko E.S., Selenya K.A. Development of a conceptual approach to effective pricing in the formation of the state defense order // Scientific and technical statements of the St. Petersburg State Polytechnic University. Economic sciences. - 2014. - No. 1 (187).

### **Bagaeva Irina Vladimirovna**

RSCI h-index - 3, Scopus h-index - 1

1. Bagaeva I., Ilin I., Iliashenko O. Assessment of the results of the municipal healthcare system reform (Russian experience) // E3S Web of Conferences. - EDP Sciences, 2019. -- T. 110. -- P. 02086.
2. Bagaeva I., Iliashenko O., Borremans A. Theoretical and methodological aspects of the competence approach to the evaluation of the organization's personnel // MATEC Web of Conferences. - EDP Sciences, 2018. -- T. 193. -- P. 05060.
3. Iljashenko O., Bagaeva I., Levina A. Strategy for establishment of personnel KPI at health care organization digital transformation // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2019. - T. 497. - No. 1. - P. 012029.
4. Pavlov, N., Kalyazina, S., Bagaeva, I., & Iliashenko, V. (2019, December). Key Digital Technologies for National Business

- Environment. In Energy Management of Municipal Transportation Facilities and Transport (pp. 143-157). Springer, Cham.
5. Kalyazina, S., Zotova, E., Bagaeva, I., & Vasilenok, V. (2020, December). Requirements of key industries for digital technologies. In IOP Conference Series: Materials Science and Engineering (Vol. 1001, No. 1, p. 012142). IOP Publishing.
  6. Ilyin I.V. et al. The list of requirements for the architecture of the digital space of Russian business to technologies that ensure its implementation // Scientific journal NRU ITMO. Series "Economics and Environmental Management". - 2019. - No. 4.
  7. Chapo, D., Kalyazina, S.E., Bagaeva, I.V., & Zotova, E.A. (2019). Assessment of the readiness of Russian industrial enterprises for digital transformation. Global Science Potential, (9), p. 140-145.

### **Borremans Alexandra Dirkovna**

RSCI h-index - 7, Scopus h-index - 6

1. Borremans A.D., Voronova O.V., Ilyin I.V. Improvement of the document management system of FMCG retail chain companies based on data architecture design // Economics and Management. - 2019. - No. 9. - P. 87-96.
2. Borremans A. D. et al. Analysis of domestic and world experience in digital transformation // Science and business: ways of development. - 2019. - No. 8. - P. 176-181.
3. Ilin, I., Levina, A., Borremans, A., & Kalyazina, S. (2019, December). Enterprise Architecture Modeling in Digital Transformation Era. In Energy Management of Municipal Transportation Facilities and Transport (pp. 124-142). Springer, Cham.
4. Ilin, I.V., Lepekhin, A.A., Ershova, A.S., & Borremans, A.D. (2020, December). IT and technological architecture of healthcare organization. In IOP Conference Series: Materials Science and Engineering (Vol. 1001, No. 1, p. 012141). IOP Publishing.
5. Levina, A.I., Borremans, A.D., Lepekhin, A.A., Kalyazina, S.E., & Schröder, K.M. (2020, September). The evolution of Enterprise Architecture in scopes of digital transformation. In IOP Conference Series: Materials Science and Engineering (Vol. 940, No. 1, p. 012019). IOP Publishing.

### **Dmitrieva Tatiana Alexandrovna**

RSCI h-index - 4, Scopus h-index - 0

1. Dmitriev A.G., Kozeletskaya T.A., German E.A. A two-parameter equation of cardinal utility and the possibility of an empirical assessment of its parameters // Scientific and technical bulletin of the

- St. Petersburg State Polytechnic University. Economic sciences. - 2016. - No. 3 (245).
2. Dmitriev A.G., Kozeletskaya T.A., German E.A. On the question of the demand function: the number of buyers who refuse to buy when the price of the goods increases // Journal of Economic Theory. - 2015. - No. 1. - P. 103-113.
  3. Kozeletskaya T.A., German E.A. The influence of the price of goods on the number of purchases made // Scientific and technical statements of the St. Petersburg State Polytechnic University. Economic sciences. - 2015. - No. 1 (211).
  4. Kozeletskaya T.A., German E.A., Dmitriev A.G. Theory of consumer demand: aggregation of individual consumption functions // Journal of Economic Theory. - 2014. - No. 1. - P. 213-219.

### **Dubhorn Alisa Sergeevna**

RSCI h-index - 11, Scopus h-index - 6

1. Ilin I., Levaniuk D., Dubgorn A. Assessment of Digital Maturity of Enterprises // Energy Management of Municipal Transportation Facilities and Transport. - Springer, Cham, 2019. -- P. 167-177.
2. Dubgorn A. et al. Analysis of Technological Innovations in Supply Chain Management and Their Application in Modern Companies // International Conference on Technological Transformation: A New Role for Human, Machines and Management. - Springer, Cham, 2020. -- P. 168-178.
3. Dubgorn A., Svetunkov S., Borremans A. Features of the functioning of a geographically distributed medical organization in Russia // E3S Web of Conferences. - EDP Sciences, 2020. -- T. 217. -- P. 06014.
4. Serov D.A., Dubgorn A.S., Ershova A.S. Information and technological support of water consumption management in the context of digital transformation // Science and business: ways of development. - 2020. - No. 9. - P. 48-52.
5. Nefedova L.A., Dubgorn A.S., Grashchenko N. Yu. Organization of training specialists in the field of R&D on the use of additive technologies in serial production // Economy and Entrepreneurship. - 2019. - No. 1. - P. 1185-1187.

### **Zorin Viktor Yurievich**

RSCI h-index - 0, Scopus h-index - 0

1. Ambrajei, A.N., Golovin, N.M., Valyukhova, A.V., Rybakova, N.A., Zorin, V.Yu. Use of hybrid learning model for SAP-related technology education // (2020) CEUR Workshop Proceedings, 2570,.



## **Zotova Elizaveta Alexandrovna**

RSCI h-index - 4, Scopus h-index - 5

1. Kalyazina, S., Zotova, E., Bagaeva, I., & Vasilenok, V. (2020, December). Requirements of key industries for digital technologies. In IOP Conference Series: Materials Science and Engineering (Vol. 1001, No. 1, p. 012142). IOP Publishing.
2. Krasnov, S., Sergeev, S., Titov, A., & Zotova, Y. (2019, March). Modeling of digital communication surfaces for products and services promotion. In IOP Conference Series: Materials Science and Engineering (Vol. 497, No. 1, p. 012032). IOP Publishing.
3. Bril, A., Kalinina, O., Zotova, E., & Vilken, V. (2018). Increasing the efficiency of personnel management in municipal organizations through controlling operational risks and fixed costs. In MATEC Web of Conferences (Vol. 170, p. 01040). EDP Sciences.
4. Shvetsov K.V., Zotova E.A. Analysis of domestic and foreign experience of innovative development of the military-industrial complex // MIR (Modernization. Innovation. Development). - 2015. - T. 6. - No. 1 (21).
5. Zotova E. A. et al. Simulation modeling as a means of developing a monitoring system for the provision of human resources for the purpose of innovative development of enterprises // Science and business: ways of development. - 2018. - No. 11 (89). - P. 55.

## **Ilyashenko Victoria Mikhailovna**

RSCI h-index - 3, Scopus h-index - 1

1. Ivanteev A., Ilin I., Iliashenko V. Possibilities of blockchain technology application for the health care system // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 940. - No. 1. - P. 012008.
2. Mogilko, D., Iliashenko, O., Ilin, I., & Iliashenko, V. (2020, August). The value creation chain: diagnostic restrictions and challenges. In Journal of Physics: Conference Series (Vol. 1614, No. 1, p. 012029). IOP Publishing.
3. Iliashenko O.Y., Iliashenko V.M., Dubgorn A. IT-Architecture Development Approach in Implementing BI-Systems in Medicine // International Conference Cyber-Physical Systems and Control. - Springer, Cham, 2019. -- P. 692-700.
4. Ilyashenko O. Yu., Ilyashenko V. M., Lukyanchenko E. L. The current state of development of cloud technologies // Economy and Entrepreneurship. - 2020. - No. 10. - P. 1219-1223.
5. Ilyin, I. V., Levina, A. I., Ilyashenko, V. M., & Ilyashenko, O. Yu. (2019). Model of motivational expansion of digital transformation of

Russian business. Science and business: ways of development, (8), 127-131.

### **Ilyashenko Oksana Yurievna**

RSCI h-index - 20, Scopus h-index - 13

1. Mogilko, D., Ilyashenko, O., Ilin, I., Ilyashenko, V. The value creation chain: Diagnostic restrictions and challenges (2020) Journal of Physics: Conference Series, 1614 (1), Article No. 012029
2. Ilyashenko O.Yu., Ilyashenko V.M., Lukyanchenko E.L. The current state of development of cloud technologies // Economy and Entrepreneurship. 2020. No. 10 (123). P. 1219-1223.
3. Ilin, I., Ilyashenko, V., Ilyashenko, O. Information exchange model for remote consulting systems in the Russian Federation (2019) E3S Web of Conferences, 110, Article No. 02047
4. Ilyin I.V., Levina A.I., Ilyashenko V.M., Ilyashenko O.Yu. Model of motivational expansion of digital transformation of Russian business // Science and business: ways of development, No. 8 (98), 2019. P. 124-128.
5. Ilyashenko, O., Bikkulova, Z., Dubgorn, A. Opportunities and challenges of artificial intelligence in healthcare (2019) E3S Web of Conferences, 110, Article No. 02028
6. Ilin, I., Ilyashenko, O., Ilyashenko, V. Approach to the choice of Big Data processing methods in financial sector companies (2018) MATEC Web of Conferences, 193, article No. 05061.
7. Ilin, I., Levina, A., Ilyashenko, O. Enterprise Architecture Analysis for Energy Efficiency of Saint-Petersburg Underground (2018) Advances in Intelligent Systems and Computing, 692, pp. 1214-1223.

### **Kalyazina Sofia Evgenievna**

RSCI h-index - 3, Scopus h-index - 1

1. Koronotov N.N., Ilyin I.V., Kalyazina S.E. Control of parameters of technological processes of oil refining // Economics and Management. - 2020. - T. 26. - No. 7. - P. 784-792.
2. Serov D.A., Kalyazina S.E. Criteria and indicators for assessing the quality of water supply // Economics and Entrepreneurship. - 2020. - No. 5. - P. 943-947.
3. Ilyin, I. V., Svetunkov, S. G., Kalyazina, S. E., & Bagaeva, I. V. (2019). The main trends in the digital transformation of Russian business. Science and business: ways of development, (7 (97)), 137.
4. Kalyazina S. et al. Requirements of key industries for digital technologies // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 1001. - No. 1. - P. 012142.

5. Kalyazina S. et al. Key end-to-end digital technologies in the ecosystem of the state's digital economy // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 1001. - No. 1. - P. 012140.

### **Kiseleva Elena Grigorievna**

RSCI h-index - 5, Scopus h-index - 1

1. Kiseleva E., Efimov A. Predictive Analytics as an Instrument to Prevent Bankruptcy // 33rd international business information management association conference: education excellence and innovation management through vision. - 2020.
2. Kiseleva E. A study of applicability of bankruptcy prediction models for small businesses // Proceedings of the 31st International Business Information Management Association Conference, IBIMA. - 2018. -- P. 2250-2255.
3. Kiseleva E.G. The influence of digitalization on the investment potential of the city // Finance: theory and practice. - 2020. - T. 24. - No. 5.
4. Chachina E.G. Practice of applying the provisions of normative legal acts in the analysis of financial statements of organizations // Audit. - 2016. - No. 10. - P. 20-23.
5. Chachina E.G. Analysis of financial statements of organizations in the bakery industry using the methodology of cluster analysis // Audit and financial analysis. - 2015. - No. 1. - P. 257-262.
6. Chachina E.G., Lukashevich N.S., Garanin D.A. Study of applicability of bankruptcy forecasting models for small businesses // Economy and Entrepreneurship. - 2015. - No. 10-1. - P. 904-908.
7. Chachina E.G. On the influence of depreciation methods on the amount of free cash // Economic analysis: theory and practice. - 2014. - No. 35 (386).
8. Chachina E.G., Lukashevich N.S., Keiserukhskaya U.K. Assessment of the recommended values of financial ratios using hierarchical cluster analysis // Economics and Entrepreneurship. - 2012. - No. 4. - P. 205-209.

### **Klimin Anastasiy Igorevich**

RSCI h-index - 6, Scopus h-index - 3

1. Ilin I., Klimin A., Shaban A. Features of Big Data approach and new opportunities of BI-systems in marketing activities // E3S Web of Conferences. - EDP Sciences, 2019. - T. 110. - P. 02054.
2. Ilin, I., Klimin, A., Overes, E., & Sataev, P. (2019). The essence and features of the introduction of the omni-channel approach to interaction with consumers. In Proceedings of the 33rd International

- Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020 (pp. 8546-8552).
3. Klimin A.I., Tikhonov D.V., Riushenkova A.I. Use of elements of native advertising in order to improve the effectiveness of media campaigns // Proceedings of the 32nd International Business Information Management Association Conference, IBIMA 2018-Vision 2020: Sustainable Economic Development and Application of Innovation Management from Regional expansion to Global Growth. - 2018. -- P. 8304-8310.
  4. Klimin A.I. et al. Forecasting the development of big data technologies in the Russian Federation on the basis of expert assessments // Innovation Management and Education Excellence through Vision 2020. -- 2018. -- P. 1669-1679.
  5. Ilin, I.V., Iliashenko, O.Y., Klimin, A.I., & Makov, K.M. (2018). Big data processing in Russian transport industry. In Innovation Management and Education Excellence through Vision 2020 (pp. 1967-1971).
  6. Klimin A. I. et al. Differences in conversions when working with the target audience at different stages of offline and digital decision-making funnels // Global scientific potential. - 2019. - No. 9. - P. 153-160.
  7. Zotova, E. A., Ilyin, I. V., Klimin, A. I., & Tikhonov, D. V. (2018). Simulation modeling as a means of developing a monitoring system for the provision of human resources for the innovative development of enterprises. Science and business: ways of development, (11 (89)), 55.
  8. Klimin A.I., Tikhonov D.V. Methodological problems of using the NPS index in assessing relationships with clients // Marketing and marketing research. - 2017. - No. 3. - P. 168-173.

### **Krasnov Sergey Vasilievich**

RSCI h-index - 6, Scopus h-index - 6

1. Krasnov A. et al. Conversion's forecast model for ADs in social networks // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 940. - No. 1. -P. 012074.
2. Krasnov S. et al. Stochastic algorithms in multimodal 3PL segment for the digital environment // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2019. - T. 618. - No. 1. - P. 012069.
3. Krasnov S.V., Kalmykova S.V., Krasnov A.S. Blended Learning as a form of Transition from Traditional Learning to Digital Learning //

- 2019 II International Conference on High Technology for Sustainable Development (HiTech). - IEEE, 2019 .-- P. 1-4.
4. Krasnov S.V., Krasnov A.S., Bozhuk S.S. Transformation of Consumer's Digital Shadow in a Smart City // 2019 II International Conference on High Technology for Sustainable Development (HiTech). - IEEE, 2019 .-- P. 1-5.
  5. Krasnov S. et al. Algorithm of optimal management for the efficient use of energy resources // E3S Web of Conferences. - EDP Sciences, 2019 .-- T. 110 .-- P. 02052.
  6. Samonov, A.V., Samonova, G.N., Krasnov, S.V., Malyshev, S.R., & Beresnev, Yu.I. (2020). Methodology for the development of a domain-specific language and tools for creating automated control systems for complex organizational and technical systems. Automation of management processes, (2), 89-100.
  7. Krasnov S.V., Kalmykova S.V., Krasnova S.A. Methodological aspects of the educational process in the context of e-learning // Global scientific potential. - 2020. - No. 5. - P. 23-28.
  8. Krasnov S.V., Kalmykova S.V., Krasnova S.A. Blended learning in the era of digital transformation // Problems of modern education. - 2020. - No. 1.

### **Kutuzov Andrey Lvovich**

RSCI h-index - 5, Scopus h-index - 0

1. Kutuzov A.L. Decision-making models in the presence of several goals // Science and business: ways of development. - 2019. - No. 3. - P. 119-122.
2. Kutuzov A. L. Sensitivity analysis of linear optimization models in decision making // Science and business: ways of development. - 2018.
3. Kutuzov A.L. Mathematical modeling in decision making in small business // Science and business: ways of development. - 2018.
4. Guzenyuk F. V., Kutuzov A. L. MODEL "7 ENERGY SOURCES AT WORK" // International scientific research journal. - 2016. - No. 5-1 (47).
5. Guzenyuk F.V., Kutuzov A.L. HAPPINESS IN ACTIVITIES AS A RESOURCE OF ECONOMIC GROWTH // International research journal. - 2016. - No. 5-1 (47).
6. Kutuzov A.L. Linear optimization. training // International research journal. - 2015. - No. 7 (38) Part 3.- P. 56-58.

### **Lyovina Anastasia Ivanovna**

RSCI h-index - 22, Scopus h-index - 13

1. Ilin, I., Levina, A., Borremans, A., Kalyazina, S. Enterprise

- architecture modeling in digital transformation era (2021) *Advances in Intelligent Systems and Computing*, 1259 AISC, pp. 124-142.
2. Levina, A. Operational and information technologies within the enterprise architecture: Mining industry case (2021) *Advances in Intelligent Systems and Computing*, 1259 AISC, pp. 158-166.
  3. Capo, D., Levina, A., Dubgorn, A., Schröder, K. Enterprise architecture concept for digital manufacturing (2020) *IOP Conference Series: Materials Science and Engineering*, 1001 (1), article No. 012044
  4. Ilyin I.V., Levina A.I., Borremans A.D., Kalyazina S.E. Meta-model of enterprise architecture in the digital era // *Science and business: ways of development*. 2020. No. 3 (105). P. 36-40.
  5. Levina, A., Lepekhin, A., Kalyazina, S. Additive manufacturing and its IT support within the enterprise architecture (2019) *Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020*, pp. 5122-5128.
  6. Ilyin I.V., Levina A.I., Dubgorn A.S. Digital transformation as a factor in the formation of architecture and IT architecture of an enterprise // *Scientific journal NRU ITMO. Series: Economics and Environmental Management*. 2019. No. 3 (38). P. 50-55.
  7. Levina, A.I., Borremans, A.D., Burmistrov, A.N. Features of enterprise architecture designing of infrastructure-intensive companies (2018) *Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020*, pp. 4643-4651.

### **Marchenko Roman Sergeevich**

RSCI h-index - 1, Scopus h-index - 2

1. Kozhukhov Y.V. et al. An architectural approach to process control of gas compressor stations with a low temperature separation gas preparation unit based on a digital twin // *E3S Web of Conferences*. - EDP Sciences, 2019. -- T. 140. -- P. 10007.
2. Ilin I., Vasilenok V., Marchenko R. Use of renewable energy and tax burden on CO2 emissions in industrial enterprises // *E3S Web of Conferences*. - EDP Sciences, 2019. -- T. 110. -- P. 02102.
3. Marchenko R.S., Cherepovitsyn A.E. Improvement of the quality of calculations using the Monte Carlo simulation method in the evaluation of mining investment projects // *2017 International Conference "Quality Management, Transport and Information Security, Information Technologies" (IT & QM & IS)*. - IEEE, 2017. - P. 247-251.
4. Marchenko R.S. Identification and creation of a register of project risks on the example of a gold mining investment project [Electronic

resource] // Russian economic Internet journal: electron. scientific. journ. - 2018. - No. 2.

5. Marchenko R.S. Methodology for a comprehensive assessment of project risks on the example of a typical gold ore investment project // Economics and Entrepreneurship. - 2017. - No. 12-3. - P. 653-659.

### **Nikonorov Valentin Mikhailovich**

RSCI h-index - 9, Scopus h-index - 2

1. Nikonorov V.M., Nikonorov V.V. One of the approaches to the concrete strength mathematical model // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 945. - No. 1. - P. 012014.
2. Nikonorov V.M. An Approach to the Mathematical Simulation of a Solid-State Wave Gyroscope // 2020 International Multi-Conference on Industrial Engineering and Modern Technologies (FarEastCon). - IEEE, 2020. -- P. 1-3.
3. Ilyin I. V., Nikonorov V. M. ASSESSMENT OF RELATIONSHIP: MONETARY INCOME OF THE POPULATION AND THE SHARE OF THE PROPERTY IN RUSSIA // Theory and Practice of Social Development. - 2020. - No. 6 (148).
4. Nikonorov V.M. Model of average retail turnover per capita: the possibility of acceptable management // Economy and Entrepreneurship. - 2020. - No. 1. - P. 42-46.
5. Nikonorov V.M. Management of the average retail turnover per capita // Science and business: ways of development. - 2020. - No. 7. - P. 134-139.
6. Nikonorov V.M. Optimal management of average retail turnover per capita: setting the problem // Economics and Entrepreneurship. - 2020. - No. 2. - P. 858-861.
7. Nikonorov V. M., Tyutyukin V. K. Approach to the feasibility study of a useful model // Financial Economics. - 2020. - No. 2. - P. 469-473.
8. Nikonorov V.M. Mathematical model of the economy of the Russian Federation // Collection of guidelines on social and economic development. - 2019.- P. 60-63.

### **Rostova Olga Vladimirovna**

RSCI h-index - 13, Scopus h-index - 6

1. Shirokova, S., Rostova, O., Chuprikova, A., & Zharova, M. (2020, September). Automation of warehouse accounting processes as an integral part of digital company. In IOP Conference Series: Materials Science and Engineering (Vol. 940, No. 1, p. 012016). IOP Publishing.

2. Zharova M., Shirokova S., Rostova O. Management of pilot IT projects in the preparation of energy resources // E3S Web of Conferences. - EDP Sciences, 2019. -- T. 110. -- P. 02033.
3. Rostova O. et al. Management of investment process in alternative energy projects // E3S Web of Conferences. - EDP Sciences, 2019. - - T. 110. -- P. 02032.
4. Rostova O., Shirokova S., Sokolitsyna N. Management of project for automation of investment control at industrial enterprise // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2019. - T. 497. - No. 1. - P. 012017.
5. Rostova O. et al. Features of using blockchain technology in healthcare // Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020. -- 2019. -- P. 8525-8530.
6. Rostova O.V., Shirokova S.V. Possibilities of using distributed ledger technology in organizations // Journal of Management Research. - 2020. - T. 6. - No. 4. - P. 50-57.
7. Rostova O.V. et al. DEVELOPMENT OF THE COMPREHENSIVE ANALYSIS ALGORITHM FOR DECISION ON THE COMPANY'S REORGANIZATION // Journal of Management Research. - 2020. - T. 6. - No. 6. - P. 3-16.
8. Rostova O.V., Shirokova S.V., Usikov R.F. Management of information and technological support systems at an enterprise for the production of complex technical complexes // Problems of defense technology. Series 16: Technical means of countering terrorism. - 2020. - No. 3-4. - P. 9-18.

### **Svetunkov Sergey Gennadievich**

RSCI h-index - 14, Scopus h-index - 1

1. Dubgorn A., Svetunkov S., Borremans A. Features of the functioning of a geographically distributed medical organization in Russia // E3S Web of Conferences. - EDP Sciences, 2020. -- T. 217. -- P. 06014.
2. Ilyashenko, O., Kovaleva, Y., Burnatcev, D., & Svetunkov, S. (2020, September). Automation of business processes of the logistics company in the implementation of the IoT. In IOP Conference Series: Materials Science and Engineering (Vol. 940, No. 1, p. 012006). IOP Publishing.
3. PONOMAREV O.B., SVETUNKOV S.G. Dynamic approach to the analysis of the essence of entrepreneurship // Revista ESPACIOS. - 2018. - T. 39. - No. 50.
4. SVETUNKOV S.G., CHANYSHEVA A.F. Properties of Complex Dispersion and Standard Deviation // Revista ESPACIOS. - 2017. - T. 38. - No. 33.



5. Koronатов N.N., Ilyin I.V., Svetunkov S.G. Predictive analytics of petroleum products production depending on the quality of crude oil on the example of LLC "KINEF" // Economics and Entrepreneurship. - 2020. - No. 9. - P. 1033-1039.
6. Svetunkov S.G. Forecasting economic dynamics using complex-valued autoregression with a time component (CTAR) // Modern Economics: Problems and Solutions. - 2020. - T. 9. - P. 21-30.
7. Levina A.I., Ilyin I.V., Svetunkov S.G. Modeling the architecture of the digital space of Russian business // Science and business: ways of development. - 2019. - No. 10. - P. 115-120.
8. Ilyin, I. V., Svetunkov, S. G., Kalyazina, S. E., & Bagaeva, I. V. (2019). The main trends in the digital transformation of Russian business. Science and business: ways of development, (7 (97)), 137.

### **Silkina Galina Yurievna**

RSCI h-index - 15, Scopus h-index - 2

1. Silkina G. et al. Using Blockchain-based approach for building the system events logging service // Journal of Physics: Conference Series. - IOP Publishing, 2019. - T. 1399. - No. 3. - P. 033075.
2. Osinovskaya, I.V., Shevchenko, S.Y., Silkina, G.Y., Plenkina, M.V., & Zaborskaya, I.E. (2020). Ensuring Sustainable Development of Oil Companies Based on Foresight Technology. International Journal of Management, 11 (5).
3. Malyuk V., Silkina G., Danilov A. Modeling the implementation of investment projects with energy-saving orientation // E3S Web of Conferences. - EDP Sciences, 2019. - T. 110. - P. 02029.
4. Silkina G. From analogue to digital tools of business control: Succession and transformation // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2019. - T. 497. - No. 1. - P. 012018.
5. Silkina G.Y. Information and communication technologies in ensuring of innovative development // Proceedings of the 29th International Business Information Management Association Conference-Education Excellence and Innovation Management through Vision 2020: From Regional Development Sustainability to Global Economic Growth. - 2017. -- P. 1165-1176.
6. Danilov A.A., Silkina G. Yu. Principles of industrial enterprise functioning in conditions of sustainable development // Scientific and technical statements of the St. Petersburg State Polytechnic University. Economic sciences. - 2020. - T. 13. - No. 5. - P. 82-94.
7. Silkina G. Yu. Information and technological coordination of models of transport and logistics business in the system of smart contracting

// Bulletin of the St. Petersburg State University of Economics. - 2020. - No. 2 (122).

8. Silkina G. Yu., Novitskaya V.D. MODELING LOGISTIC FLOW PROCESSES IN THE R&D SYSTEM // Innovation activity. - 2019. - No. 2. - P. 68-76.

### **Skripnyuk Jamilya Fatykhovna**

RSCI h-index - 23, Scopus h-index - 19

1. Didenko N.I., Skripnyuk D.F., Kobylinsky V.V. Assessment of the development of the digital economy on the example of the European Union // MIR (Modernization. Innovation. Development). - 2020. - T. 11. - No. 2.
2. Skripnyuk D.F., Kikkas K.N. The concept of target subspaces in the development of the Arctic territories // Horizons of Economics. - 2020. - No. 1. - P. 80-94.
3. Didenko, N.I., & Skripnyuk, D.F. (2020). Arctic space of Russia and the fourth industrial revolution. Business magazine Neftegaz. RU, (11), 54-61.
4. Skripnyuk, D.F., & Inyon, O. (2018). Modern problems of the EU-Russia energy dialogue. Russian Economic Internet Journal, (2), 88-88.
5. Didenko N.I. et al. The Nutrition and Health Status of Residents of the Northern Regions of Russia: Outlook of Vertical Agricultural Farms // International Journal of Environmental Research and Public Health. - 2021. - T. 18. - No. 2. - P. 414.
6. Didenko, N.I., Romashkina, G.F., Skripnyuk, D.F., & Kulik, S.V. (2020). Dynamics of Trust in Institutions, the Legitimacy of the Social Order, and Social Open Innovation. Journal of Open Innovation: Technology, Market, and Complexity, 6 (4), 111.
7. Skripnyuk D.F. Institutional-functional approach to the modeling of foreign economic activity // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 940. - No. 1. - P. 012116.
8. Skripnyuk D.F., Kikkas K.N. The concept of creating a digital clone of the Arctic territories // IOP Conference Series: Materials Science and Engineering. - IOP Publishing, 2020. - T. 940. - No. 1. - P. 012108.

### **Tikhonov Dmitry Vladimirovich**

RSCI h-index - 6, Scopus h-index - 2

1. Tabolina, A.V., Olennikova, M.V., Tikhonov, D.V., Kozlovskii, P., Baranova, T.A., & Gulk, E.B. (2019, September). Project Activities in Technical Institutes as a Mean of Preparing Students for Life and

- Professional Self-determination. In International Conference on Interactive Collaborative Learning (pp. 800-807). Springer, Cham.
2. Klimin A.I., Tikhonov D.V., Riushenkova A.I. Use of elements of native advertising in order to improve the effectiveness of media campaigns // Proceedings of the 32nd International Business Information Management Association Conference, IBIMA 2018-Vision 2020: Sustainable Economic Development and Application of Innovation Management from Regional expansion to Global Growth. - 2018. -- P. 8304-8310.
  3. Klimin A.I., Tikhonov D.V., Efimov A.M. Evaluation of the effectiveness of marketing communications in russian business using the example of st. petersburg enterprises // Proceedings of the 30th International Business Information Management Association Conference, IBIMA 2017-Vision 2020: Sustainable Economic development, Innovation Management, and Global Growth. - 2017. -- P. 1465-1482.
  4. Klimin A.I., Tikhonov D.V., Trykov A.V. Methodological problems of NPS index application for measuring customer relationship in B2B // Proceedings of the 30th International Business Information Management Association Conference, IBIMA 2017-Vision 2020: Sustainable Economic development, Innovation Management, and Global Growth. - 2017. -- P. 3149-3160.
  5. Klimin, A.I., Ilyin, I.V., Klimov, A.A., & Tikhonov, D.V. (2019). Differences in conversions when working with the target audience at different stages of offline and digital decision making funnels. *Global Science Potential*, (9), 153-160.
  6. Zotova, E. A., Ilyin, I. V., Klimin, A. I., & Tikhonov, D. V. (2018). Simulation modeling as a means of developing a monitoring system for the provision of human resources for the innovative development of enterprises. *Science and business: ways of development*, (11 (89)), 55.
  7. Tikhonov D. V., Lukashevich N. S. Research of the main trends in the corporate lending market in Russia // *Economics and Entrepreneurship*. - 2017. - No. 8-4. - P. 796-802.
  8. Tikhonov D.V., Mikitchuk M. Yu. Modeling the forecast of the volume of sales with different variants of taking into account the seasonality // *Management of economic systems: an electronic scientific journal*. - 2015. - No. 8 (80).

### **Tuchkevich Evgeniya Ivanovna**

RSCI h-index - 3, Scopus h-index - 2

1. Tuchkevich E. et al. ADN and AP programs for civil engineering students // *Procedia engineering*. - 2015. -- T. 117. -- P. 1137-1142.

2. Vysotskiy, A., Makarov, S., Zolotova, J., & Tuchkevich, E. (2015). Features of BIM implementation using autodesk software. *Procedia engineering*, 117, 1143-1152.
3. Tuchkevich E. I. Technology of formation of key professional competencies in the preparation of masters in the direction of "Design" // *Scientific and technical statements of SPbPU. Natural and engineering sciences.* - 2010. - No. 110. -- P. 356-360.
4. Tuchkevich E. I. Technology of formation of key professional competencies in the preparation of masters in the direction of "Design" // *Scientific and technical statements of SPbPU. Natural and engineering sciences.* - 2010. - No. 110 .-- P. 356-360.
5. Krolenko O. N., Tuchkevich E. I. Procedure for updating the basic educational programs of higher professional education // *Bulletin of the Chuvash State Pedagogical University named after IYa Yakovleva.* - 2013. - No. 1-1 (77).

### **Shaban Anton Pavlovich**

RSCI h-index - 0, Scopus h-index - 1

1. Ilin I., Klimin A., Shaban A. Features of Big Data approach and new opportunities of BI-systems in marketing activities // *E3S Web of Conferences.* - EDP Sciences, 2019.- T. 110 .- P. 02054.

### **Shirokova Svetlana Vladimirovna**

RSCI h-index - 17, Scopus h-index - 8

1. Rostova O.V., Shirokova S.V., Usikov R.F. Management of information and technological support systems at an enterprise for the production of complex technical complexes // *Problems of defense technology. Series 16: Technical means of countering terrorism.* - 2020. - No. 3-4. - P. 9-18.
2. Rostova O.V., Shirokova S.V. Possibilities of using distributed ledger technology in organizations // *Journal of Management Research.* - 2020. - T. 6. - No. 4. - P. 50-57.
3. Rostova, O. V., Shirokova, S. V., Markov, A. V., & Tebekin, A. V. (2020). DEVELOPMENT OF THE COMPREHENSIVE ANALYSIS ALGORITHM FOR DECISION-MAKING THE COMPANY REORGANIZATION. *Management Research Journal*, 6 (6), 3-16.
4. Bolsunovskaya, M., Gintciak, A., Shirokova, S., & Loginova, A. (2020). Algorithm for validation the results of computing device components' selecting. In *E3S Web of Conferences (Vol. 217, p. 06011).* EDP Sciences.
5. Shirokova S. et al. Automation of warehouse accounting processes as an integral part of digital company // *IOP Conference Series: Materials Science and Engineering.* - IOP Publishing, 2020. - T. 940. - No. 1. - P. 012016.

6. Bolsunovskaya, M.V., Shirokova, S.V., Loginova, A.V., & Uspenskiy, M.B. (2020, September). Development of tools for improving the data storage systems reliability as a part of digital transformation strategy. In IOP Conference Series: Materials Science and Engineering (Vol. 940, No. 1, p. 012010). IOP Publishing.
7. Uspenskij, M.B., Shirokova, S.V., Mamoutova, O.V., & Zhvarikov, V.A. (2019, June). Complex Expert Assessment as a Part of Fault Management Strategy for Data Storage Systems. In International Conference Cyber-Physical Systems and Control (pp. 592-600). Springer, Cham.
8. Bolsunovskaya M., Shirokova S., Loginova A. State of current data storage market and development of tools for increasing data storage systems reliability // E3S Web of Conferences. - EDP Sciences, 2019 .-- T. 135. - P. 04076.

### **Bolobonov Daniil Dmitrievich**

RSCI h-index - 1, Scopus h-index - 1

1. Svetunkov S.G., Bolobonov D.D. Requirements in the system of processes of a geographically distributed medical organization // In the collection: Fundamental and applied research in the field of management, economics and trade. Proceedings of the All-Russian scientific and educational-practical conference. In 3 parts. 2020. P. 216-221.
2. Ilin, I.V., Bolobonov, D.D., Frolov, A.K. Innovative business model as a factor in the successful implementation of IIoT in logistics enterprises // Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020, 2019, pp. 5092-5102.

### **Grigorieva Anastasia Alexandrovna**

h-index RSCI - 1

1. Vasiliev V.A., Grigorieva A.A. Review of approaches to forecasting electricity prices using computational intelligence technologies // Theoretical Economics. 2020. No. 5 (65). P. 87-94.
2. Grigorieva A.A. The use of the apparatus of the theory of games when making decisions on projects for the implementation of information systems of an enterprise. 2019.No. 1. P. 43.
3. Grigorieva A.A. Enterprise architecture development projects. The role of the analysis of architectural drivers and principles in managing project stakeholders // In the collection: Enterprise Engineering and Knowledge Management (IP & UZ-2018). Collection of scientific papers of the XXI Russian scientific conference. In 2 volumes. Under the scientific editorship of Yu.F. Telnova. 2018. P. 340-345.

4. Grigoreva A.A., Latipova A.T. The cooperative game-theoretic model of stable benefits distribution from its solution implementation // Bulletin of the South Ural State University. Series: Computer Technologies, Automatic Control, Radio Electronics. 2018.Vol. 18. No. 3. P. 150-156.

### **Lepekhin Alexander Andreevich**

RSCI h-index - 7, Scopus h-index - 5

1. Levina, A.I., Borremans, A.D., Lepekhin, A.A., Kalyazina, S.E., Schroder, K.M. The evolution of Enterprise Architecture in scopes of digital transformation (2020) IOP Conference Series: Materials Science and Engineering, 940 (1), article No. 012019.
2. Lepekhin, A.A., Levina, A.I., Dubgorn, A.S., Weigell, J., Kalyazina, S.E. Digitalization of Seaports based on Enterprise Architecture approach (2020) IOP Conference Series: Materials Science and Engineering, 940 (1), article No. 012023.
3. Maydanova S., Ilin I., Lepekhin A. (2019) Capabilities Evaluation in an Enterprise Architecture Context for Digital Transformation of Seaports Network. Proceeding of the 33th IBIMA Conference. Pp. 5103-5111.
4. Kalyazina S., Lepekhin A. (2018) Implementing an energy harvesting technology within the concept of Smart city. MATEC Web of Conferences, Volume 193, 01030.
5. Levina A.I., Borremans A.D., Lepekhin A.A. Functionally-oriented design of information systems of infrastructure-intensive enterprises // Prospects for Science. 2018. No. 11 (110). P. 35-39.

### **Makov Konstantin Mikhailovich**

RSCI h-index - 2, Scopus h-index - 2

1. Ilin, I.V., Iliashenko, O.Y., Klimin, A.I., Makov, K.M. (2018) Big data processing in Russian transport industry. Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020. Pp. 1967-1971.
2. Ilin, I.V., Iliashenko, O.Y., Shirokova, S.V., Makov, K.M. Crowdsourcing technology in test phase of software development projects (2018) Proceedings of the 31st International Business Information Management Association Conference, IBIMA 2018: Innovation Management and Education Excellence through Vision 2020, pp. 3215-3223.

### **Mogilko Dmitry Yurievich**

Scopus h-index - 1

1. Mogilko, D.Y., Ilin, I.V., Iliashenko, V.M., Svetunkov, S.G. BI Capabilities in a Digital Enterprise Business Process Management

- System (2020) Lecture Notes in Networks and Systems, 95, pp. 701-708.
2. Mogilko, D., Iliashenko, O., Ilin, I., Iliashenko, V. The value creation chain: Diagnostic restrictions and challenges (2020) Journal of Physics: Conference Series, 1614 (1), article No. 012029.
  3. Mogilko, D., Iliashenko, V., Chantsev, V., Von Schmit, A.C.F.M. Data management in the business processes system (2019) Proceedings of the 33rd International Business Information Management Association Conference, IBIMA 2019: Education Excellence and Innovation Management through Vision 2020, pp. 8603-8609.

### **Gerrits Berry**

Scopus h-index - 1

1. Gerrits B., Schuur P., Ilin I., Kalyazina S. Mixing Automated with Non-Automated Yard Traffic in Container Terminals: a Digital Transition // International Conference on Digital Transformation in Logistics and Infrastructure (ICDTLI 2019), 2019 <https://doi.org/10.2991/icdtli-19.2019.69>. URL: <https://www.atlantis-press.com/proceedings/icdtli-19/125918540>
2. Gerrits, B. (2019). An agent-based simulation model for truck platoon matching. *Procedia Computer Science*, 151, 751-756.
3. Gerrits, B., Mes, M., & Schuur, P. (2019, December). Simulation of real-time and opportunistic truck platooning at the port of Rotterdam. In *2019 Winter Simulation Conference (WSC)* (pp. 133-144). IEEE.
4. Gerrits, B., Mes, M., & Schuur, P. (2018, December). A simulation model for the planning and control of AGVs at automated container terminals. In *2018 Winter Simulation Conference (WSC)* (pp. 2941-2952). IEEE.
5. Gerrits, B., Schuur, P., Ilin, I., & Kalyazina, S. (2019, September). Mixing Automated with Non-Automated Yard Traffic in Container Terminals: a Digital Transition. In *International Conference on Digital Technologies in Logistics and Infrastructure (ICDTLI 2019)* (pp. 392-396). Atlantis Press.
6. Gerrits, B., & Schuur, P. C. (2020). A Unifying Framework for Self-Organization of Automated Vehicles.

### **Schür Peter Cornelis**

Scopus h-index - 1

1. Gerrits B., Schuur P., Ilin I., Kalyazina S. Mixing Automated with Non-Automated Yard Traffic in Container Terminals: a Digital Transition // International Conference on Digital Transformation in Logistics and Infrastructure (ICDTLI 2019), 2019 <https://doi.org/10.2991/icdtli-19.2019.69>. URL: <https://www.atlantis-press.com/proceedings/icdtli-19/125918540>
2. Egorov, D., Levina, A., Kalyazina, S., Schuur, P., & Gerrits, B. (2020,

- May). The Challenges of the Logistics Industry in the Era of Digital Transformation. In *International Conference on Technological Transformation: A New Role for Human, Machines and Management* (pp. 201-209). Springer, Cham.
3. Gerrits, B., Mes, M., & Schuur, P. (2018, December). A simulation model for the planning and control of AGVs at automated container terminals. In *2018 Winter Simulation Conference (WSC)* (pp. 2941-2952). IEEE.
  4. Kusumakar, R., Buning, L., Rieck, F., Schuur, P., & Tillema, F. (2018). INTRALOG–intelligent autonomous truck applications in logistics; single and double articulated autonomous rearward docking on DCs. *IET Intelligent Transport Systems*, 12(9), 1045-1052.
  5. Buning, L. R., Schuur, P. C., & de Vijlder, F. J. (2019, August). Adaptive Curricula, an answer to changing labour market requirements. In *41st EAIR Forum 2019: Responsibility of Higher Education Systems: What? Why? How?*.
  6. Schuur, P. C., Kroon, I. H., & BV, F. B. (2017). BUSINESS VALUATION FOR SMALL AND MEDIUM-SIZED ENTERPRISES.

### **Schroeder Kai Michael**

Scopus h-index - 1

1. Capo, D., Levina, A., Dubgorn, A., & Schröder, K. (2020, December). Enterprise Architecture Concept for Digital Manufacturing. In *IOP Conference Series: Materials Science and Engineering* (Vol. 1001, No. 1, p. 012044). IOP Publishing.
2. Levina, A. I., Borremans, A. D., Lepekhin, A. A., Kalyazina, S. E., & Schröder, K. M. (2020, September). The evolution of Enterprise Architecture in scopes of digital transformation. In *IOP Conference Series: Materials Science and Engineering* (Vol. 940, No. 1, p. 012019). IOP Publishing.
3. Schroeder, K., Ajdadilish, B., Henkel, A. P., & Calero Valdez, A. (2020, April). Evaluation of a Financial Portfolio Visualization using Computer Displays and Mixed Reality Devices with Domain Experts. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (pp. 1-9).

### **Mäkiö Juho Arvi Santeri**

Scopus h-index - 4

1. J. Mäkiö, D. Glukhov, R. Bohush, T. Hlukhava, I. Zakharava. Fuzzy Logic Approximation and Deep Learning Neural Network for Fish Concentration Maps // *International Conference on Digital Transformation in Logistics and Infrastructure (ICDTLI 2019)*, 2019. <https://doi.org/10.2991/icdtli-19.2019.84> URL: <https://www.atlantis-press.com/proceedings/icdtli-19/125918555>



2. Abyshev, O. A., Yablochnikov, E. I., & Mäkiö, J. (2020, June). Industrial Cyber-Physical Systems Engineering: The Educational Aspect. In International Conference Modern Engineering: Science and Education (pp. 9-19). Springer, Cham.
3. Elena Mäkiö-Marusik, E., Mäkiö, J., & Kowal, J. (2017). Validation of Task– centric Holistic Agile Approach on Teaching Cyber Physical Systems Engineering. GOSPODARKA RYNEK EDUKACJA= ECONOMY MARKET EDUCATION, 18(4), 5-17.
4. Kowal, J., Mäkiö, J., & Jasińska-Biliczak, A. (2017, July). Business competencies and innovation capability in cross-border small regional enterprises. In 2017 IEEE 15th International Conference on Industrial Informatics (INDIN) (pp. 905-910). IEEE.
5. Betz, S., & Mäkiö, J. (2008). Amplification of the COCOMO II regarding offshore software projects. Offshoring of software development, 33.
6. Mäkiö-Marusik, E., Ahmad, B., Harrison, R., Mäkiö, J., & Colombo, A. W. (2018, May). Competences of cyber physical systems engineers—Survey results. In 2018 IEEE Industrial Cyber-Physical Systems (ICPS) (pp. 491-496). IEEE.
7. Bauer, D. A., & Mäkiö, J. (2019, July). Hybrid cloud–architecture for administration shells with RAMI4.0 using Actor4j. In 2019 IEEE 17th International Conference on Industrial Informatics (INDIN) (Vol. 1, pp. 79-86). IEEE.

### **Suli Klara Magdolna**

Scopus h-index - 1

1. Paardenkooper, K. (2019, September). Creating value for small and medium enterprises with the logistic applications of blockchain. In International Conference on Digital Technologies in Logistics and Infrastructure (ICDTLI 2019) (pp. 269-274). Atlantis Press.
2. Dubgorn, A., Zaychenko, I., Alekseev, A., Paardenkooper, K., & Esser, M. (2020, May). Analysis of Technological Innovations in Supply Chain Management and Their Application in Modern Companies. In International Conference on Technological Transformation: A New Role for Human, Machines and Management (pp. 168-178). Springer, Cham.
3. Paardenkooper-Suli, K. (2014). The Port of Rotterdam and the maritime container: The rise and fall of Rotterdam's hinterland (1966-2010).

### **Jantunen Sami Tapani**

Scopus h-index - 6

1. Lepekhin, A., Borremans, A., Ilin, I., & Jantunen, S. (2019, May). A systematic mapping study on internet of things challenges. In 2019 IEEE/ACM 1st International Workshop on Software Engineering

- Research & Practices for the Internet of Things (SERP4IoT) (pp. 9-16). IEEE.
2. Jantunen, S., Pesola, A., Janhunen, P., Reijonen, T., & Kuuluvainen, V. (2020, August). Developing Wellbeing Service Effectiveness Platform: Some RE considerations. In 2020 IEEE First International Workshop on Requirements Engineering for Well-Being, Aging, and Health (REWBAH) (pp. 19-24). IEEE.
  3. Jantunen, S., Dum Dum, R., & Gause, D. (2019, May). Towards new requirements engineering competencies. In 2019 IEEE/ACM 12th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE) (pp. 131-134). IEEE.
  4. Jantunen, S., & Gause, D. C. (2014). Using a grounded theory approach for exploring software product management challenges. *Journal of Systems and Software*, 95, 32-51.
  5. Jantunen, S., Hietaranta, K., & Gause, D. C. (2013, April). Adjusting to increasing product management problems: challenges and improvement proposals in one software company. In International Working Conference on Requirements Engineering: Foundation for Software Quality (pp. 386-400). Springer, Berlin, Heidelberg.

### **Alan Abram**

Scopus h-index - 1

1. Alkhatib, G., Al-Sarayrah, K., & Abram, A. (2018, December). Exploring ISBSG R12 Dataset Using Multi-data Analytics. In International conference on the Sciences of Electronics, Technologies of Information and Telecommunications (pp. 131-143). Springer, Cham.

### **Joel Rodriguez**

Scopus h-index - 69

1. Abdelrahman, A. M., Rodrigues, J. J., Mahmoud, M. M., Saleem, K., Das, A. K., Korotaev, V., & Kozlov, S. A. (2021). Software-defined networking security for private data center networks and clouds: Vulnerabilities, attacks, countermeasures, and solutions. *International Journal of Communication Systems*, 34(4), e4706.
2. Saha, S., Sutrala, A. K., Das, A. K., Kumar, N., & Rodrigues, J. J. (2020, June). On the design of blockchain-based access control protocol for IoT-enabled healthcare applications. In ICC 2020-2020 IEEE International Conference on Communications (ICC) (pp. 1-6). IEEE.
3. Rodrigues, R. R., Rodrigues, J. J., da Cruz, M. A., Khanna, A., & Gupta, D. (2018, September). An IoT-based automated shower system for smart homes. In 2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI) (pp. 254-258). IEEE.

4. Vilela, P. H., Rodrigues, J. J., Vilela, L. R., Mahmoud, M. M., & Solic, P. (2018, June). A critical analysis of healthcare applications over fog computing infrastructures. In 2018 3rd International Conference on Smart and Sustainable Technologies (SpliTech) (pp. 1-5). IEEE.
5. Wang, K., Qi, X., Shu, L., Deng, D. J., & Rodrigues, J. J. (2016). Toward trustworthy crowdsourcing in the social internet of things. IEEE Wireless Communications, 23(5), 30-36.

### **Online courses developed by GSMB lecturers**

1. Course "Enterprise Architecture"  
([https://www.coursera.org/learn/enterprise-architecture?="](https://www.coursera.org/learn/enterprise-architecture?=));
2. Course "Digital Marketing and Social Networks"  
(<https://openedu.ru/course/spbstu/DIGMARK/>);
3. Course "Digital Culture"  
(<https://openedu.ru/course/spbstu/DIGCULT/>);
4. Course "Business Management Technologies (Part 1: Mathematical Methods in Economics)"  
(<https://openedu.ru/course/spbstu/BUSMAT/>);
5. Course "Vector graphics. Adobe Illustrator CC"  
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