

# XIV International Student Conference "ACTUAL QUESTIONS OF SUPPLY CHAIN MANAGEMENT AND LOGISTICS DEVELOPMENT"

## **PROGRAM**

#### 10:00 - 10:20 CONFERENCE WELCOME

Welcome speech of the Chairman of the Program Committee, Deputy Dean of the Graduate school of business, Head of the Department of Operations Management and Logistics, Professor, Doctor of Economics, Sergey P. Kushch

#### 10:30 - 15:00 PARALLEL SECTIONS

#### **Section 1. Digital Transformation of Supply Chains**

**Moderator:** Sergeyev Victor Ivanovich (Academic director of a master's programme 'Strategic Management of Logistics and Supply Chains in the Digital Economy', Doctor of Sciences, Professor of the Department of Operations Management and Logistics, HSE University)

**Technical support:** Nataliya Sergeevna Alyamovskaya (Senior Lecturer, Department of Operations Management and Logistics, HSE University, e-mail: <a href="mailto:nalyamovskaya@hse.ru">nalyamovskaya@hse.ru</a>)

10:30-	DIGITAL TRANSFORMATION OF SUPPLY CHAINS (ru)
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11:00	Speaker: Academic director of a master's programme 'Strategic Management of Logistics and Supply
	Chains in the Digital Economy', Doctor of Sciences, professor Viktor Sergeyev
11:00-	CONFERENCE PRESENTATIONS
15:00	
11:00	DATA ANALYSIS USING IN PLANNING THE COMPANY'S STRATEGIC GOALS
	Macuev Artemij Dmitrievich, Gladkaya Dar'ya Grigor'evna (High School of Economics, Undergraduate, 4 <sup>th</sup>
	year)
	Scientific advisor: Levina T.V.
11:20	DIGITALIZATION OF THE SUPPLY CHAIN OF ROBOTIC PRODUCTS IN THE AFTER-SALES SERVICE PHASE (ru)
	Leont'eva Irina Nikolaevna (ITMO University, Master's degree, 1st year)
11:40	DEVELOPMENT OF INTEGRATED PLANNING TECHNOLOGIES IN SUPPLY CHAINS OF RUSSIAN COMPANIES
	Titarenko Kseniya Sergeevna (High School of Economics, Master's degree, 2nd year)
	Scientific advisor: Levina T.V.
12:00	FORMALIZED REPRESENTATION OF LOGISTIC ACTIVITIES IN IDENTIFICATION PROCESSES IN DIGITAL
	LOGISTICS (ru)
	Kkhellaf Sara (Moscow Automobile and Road Construction State Technical University, Master's degree,
	2nd year)

12:20	IMPROVING THE EFFICIENCY OF GOODS SHORTAGE RISK MANAGEMENT IN THE SUPPLY CHAIN OF A PHARMACEUTICAL COMPANY
	Nechiporenko Mariya Vladislavovna (High School of Economics, Undergraduate, 4th year)
	Scientific advisor: Alyamovskaya N.S.
12:40-	Break
13:00	
13:00	INTEGRATED PLANNING AS A TOOL TO IMPROVE THE EFFICIENCY OF LOGISTICS ACTIVITIES (ru)
	Savel'ev Leonid Sergeevich, Kuharskaya Anna Anatol'evna (Kazan National Research Technological
	University, Undergraduate, 3rd year)
	Scientific advisor: Gorbach L.A.
13:20	ANALYSIS OF THE PROSPECTS FOR THE APPLICATION OF REFERENCE MODELS FOR THE DEVELOPMENT
	OF LOGISTICS CONTROLLING
	Derkach Aleksandra Evgen'evna (High School of Economics, Undergraduate, 3rd year)
	Scientific advisor: Levina T.V.
13:40	PROBLEMS OF RISK ASSESSMENT OF INTERACTION WITH SUPPLIERS (ru)
	Mahnyreva Marina Aleksandrovna (High School of Economics, Undergraduate, 3rd year)
	Scientific advisor: Levina T.V.
14:00	TRENDS AND DIRECTIONS OF IMPLEMENTATION OF INTELLIGENT SOLUTIONS IN LOGISTICS (ru)
	Ryskina Polina Sergeevna, Vozhgunova Kristina Aleksandrovna (Samara State University of Economics,
	Undergraduate, 3rd year)
	Scientific advisor: Yahneeva I.V.
14:20	FEATURES OF DEVELOPMENT OF LOGISTIC CONTROLLING SYSTEMS OF QSR-SEGMENT ENTERPRISES (ru)
	Buharova Elena Aleksandrovna (High School of Economics, Undergraduate, 4th year)
	Scientific advisor: Levina T.V.

# Section 2. Innovative technologies in logistics

**Moderator:** Dybskaya Valentina Vladimirovna (International Centre for Logistics Training director, Doctor of Sciences, Professor of the Department of Operations Management and Logistics, HSE University)

**Technical support:** Maxim Igorevich Rozhkov (Lecturer, Department of Operations Management and Logistics, HSE University, e-mail: <a href="max-over@yandex.ru">max-over@yandex.ru</a>)

10:30-	EFFICIENT INVENTORY MANAGEMENT IN A PANDEMIC (ru)
11:00	Speakers: Fridkin Stanislav (Planning Lead, Estée Lauder Companies, Senior Lecturer, Department of
	Operations Management and Logistics, Graduate School of Business, National Research University Higher
	School of Economics), Rurua Dar'ya (Demand Planning Project Manager, Estée Lauder Companies)
11:00-	CONFERENCE PRESENTATIONS
15:00	
11:00	DEVELOPING AN APPROACH TO LOGISTICAL SUPPORT FOR THE ENTRY OF DOMESTIC COSMETICS
	MANUFACTURERS INTO ASIAN MARKETS (ru)
	Kolodochkina Alina Ramilevna, Simonov Nikita Andreevich (High School of Economics, Undergraduate,
	3rd year)
	Scientific advisor: Ivanova A.V.
11:20	MARKETPLACE LOGISTICS (ru)
	Kalinina Elena Nikolaevna, Romazanova Elena Ramil'evna (Saint Petersburg State University of
	Economics, Undergraduate, 3rd year)
	Scientific advisor: Barmina E.YU.
11:40	GREEN LOGISTICS (ru)
	Hajrulova Valeriya Maratovna (Kazan National Technological University, Undergraduate, 3rd year)
	Scientific advisor: Gorbach L.A.

12:00	APPLICATION OF ANALYTICAL TOOLS TO IMPROVE DISTRIBUTION PLANNING ON THE EXAMPLE OF FMCG
	COMPANY (ru)
	Danilov Gleb Vladimirovich (High School of Economics, Master's degree, 2nd year)
	Scientific advisor: Zahodyakin G.V.
12:20	TRENDS AND PROSPECTS FOR THE DEVELOPMENT OF THE LOGISTICS SERVICES MARKET IN RUSSIA (ru)
	Gorchakova Anna Sergeevna (Ural Federal University named after the first President of Russia B.N.
	Yeltsin, Undergraduate, 3rd year)
	Scientific advisor: Nikitina N.Yu.
12:40-	Break
13:00	
13:00	LOGISTICAL SUPPORT FOR E-COMMERCE IN RUSSIA (ru)
	Panchenko Fyodor Mihajlovich (Saint Petersburg State University of Economics, Undergraduate, 3rd
	year)
	Scientific advisor: Barmina E.YU.
13:20	DEVELOPING A REVERSE LOGISTICS MATURITY MODEL (ru)
	Vinokurova Vera Olegovna (High School of Economics, Master's degree, 2nd year)
	Scientific advisor: Alyamovskaya N.S., Rozhkov M.I.
13:40	MODERN INFORMATION SYSTEMS AND TECHNOLOGIES IN ORGANIZATION OF ADVANCED
	WAREHOUSING COMPLEXES OF LARGE WHOLESALERS (ru)
	Leont'eva Irina Nikolaevna, Han Aleksandr Sergeevich (ITMO University, Master's degree,
	1st year)
14:00	MODELING OF LOGISTICS ACTIVITIES OF THE WAREHOUSING PROCESS IN DIGITAL LOGISTICS (ru)
	Abdurahmanova Madina Magomedgadzhievna (Moscow Automobile and Road Construction State
	Technical University, Master's degree, 1st year)
	Scientific advisor: Volkov V.D.
14:20	BUILDING THE DISTRIBUTION NETWORK: MODELS AND METHODS (ru)
	Illarionov Daniil Valentinovich, Bronshtejn Leonid Sergeevich (High School of Economics, Undergraduate,
	3rd year)
	Scientific advisor: Ivanova A.V.
14:40	DISTRIBUTION PROCESS MODELING IN DIGITAL LOGISTICS (ru)
	Hodachek Aleksandr Aleksandrovich (Moscow Automobile and Road Construction State Technical
	University, Master's degree, 1st year)
	Scientific advisor: Volkov V.D.
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## Section 3. Transport support of logistics and supply chains

**Moderator:** Gerami Victoria Darabovna (Academic director of a bachelor's programme 'Logistics and Supply Chain Management', Doctor of Sciences, Professor of the Department of Operations Management and Logistics, HSE University)

**Technical support:** Khlobystova Ksenia Igorevna (teaching assistant of Department of Operations Management and Logistics, HSE University, e-mail: <a href="mailto:kikhlobystova@edu.hse.ru">kikhlobystova@edu.hse.ru</a>)

10:30-	ON THE MODERNIZATION OF THE TRANSPORT AND LOGISTICS INFRASTRUCTURE (ru)
11:00	Speaker: Sturov Evgeny Vasilievich (General Director of the MMC "Usady")
11:00-	CONFERENCE PRESENTATIONS
15:00	
11:00	TRANSFORMATION OF AIR CARGO MARKET IN THE COVID-19 CRISIS. PROBLEMS AND POSSIBLE
	DEVELOPMENT PROSPECTS (ru)
	Kobrina Anfisa Nikolaevna (High School of Economics, Undergraduate, 3rd year)
	Scientific advisor: Borisova L.A.
11:20	DEVELOPMENT OF THE GLOBAL SHIPPING MARKET IN A POST-PANDEMIC WORLD (ru)
	Danilina Anna Maksimovna (Saint Petersburg State University of Economics, Undergraduate, 3rd year)
	Scientific advisor: Barmina E.YU.
11:40	PROBLEMS OF ORGANIZING THE COLD CHAIN OF SUPPLY ON THE EXAMPLE OF SPUTNIK V VACCINE (ru)
	Barysheva Lyudmila Aleksandrovna (High School of Economics, Undergraduate, 4th year)

12:00	THE FORMALIZED REPRESENTATION OF LOGISTIC ACTIVITIES IN PROCESSES OF TRANSPORTATION
	TAKING INTO ACCOUNT THE INTERNATIONAL STANDARDS (ru)
	Zolotova Irina Vital'evna (Moscow Automobile and Road Construction State Technical University,
	Master's degree, 1st year)
	Scientific advisor: Volkov V.D.
12:20	STRUCTURE OF THE AUTOMOTIVE SUPPLY CHAIN (ru)
	Mirovskaya Inna (Peoples' Friendship University of Russia, Master's degree, 1st year)
12:40-	Break
13:00	
13:00	DEVELOPMENT OF RATIONAL LOGISTICS OF USING REFRIGERATED CONTAINERS FOR EXPORT-IMPORT
	TRANSPORTATION OF PERISHABLE GOODS FROM INDONESIA (ru)
	Rabiatul' Adaviya (Russian University of Transport - MIIT, Specialty, 4th year)
	Scientific advisor: Panferov V.N.
13:20	CITY LOGISTICS (ru)
	CHerkashov Igor' Sergeevich, Ogurcov Andrej Igorevich (High School of Economics, Undergraduate,
	2nd year)
13:40	GARBAGE LOGISTICS: THE PROBLEMS OF SOLID WASTE DISPOSAL IN MOSCOW AND IN THE WORLD (ru)
	Klishina Ekaterina Andreevna, Suhova Lidiya Alekseevna (State University of Management,
	Undergraduate, 3rd year)
	Scientific advisor: Пустохин Д. А.
14:00	PLANNING AND REGULATION OF TRANSPORT LOGISTICS PARAMETERS OF A COMMERCIAL
	ORGANIZATION (ru)
	Sychyov Denis Sergeevich (Reshetnev Siberian State University of Science and Technology,
	Undergraduate, 4th year)
	Scientific advisor: Selivanov A.V.
14:20	INNOVATIONS IN RAIL TRANSPORT IN RUSSIA (ru)
	Soroka Aleksandra Alekseevna, Mardanova Nataliya Anatol'evna (State University of Management,
	Undergraduate, 2nd year)
14:40	THE DIGITAL TWIN OF RAIL LOGISTICS (ru)
	Tarasenko Sergej Alekseevich (High School of Economics, Master's degree, 1st year)
	Scientific advisor: Borisova L.A.

# Section 4. Manufacturing systems and operational efficiency

**Moderator:** Boltroukevich Vyacheslav Evgenyenich (Academic Supervisor of Master's Program "Production Systems and Operational Excellence", Ph.D. in Economics, Associate Professor at the Department of Operational Management and Logistics, HSE University)

**Technical support:** Tamara Levina (Associate Professor, Department of Operations Management and Logistics, HSE University, e-mail: <a href="mailto:levina-tamara@mail.ru">levina-tamara@mail.ru</a>)

10:30-	PRACTICES OF PRODUCTION SYSTEM DEVELOPMENT: THE EXPERIENCE OF RUSSIAN COMPANIES (ru)
11:00	Speaker: Boltroukevich V.E. (Academic Supervisor of Master's Program "Production Systems and
	Operational Excellence", Ph.D. in Economics, Associate Professor at the Department of Operational
	Management and Logistics, HSE University)
11:00-	CONFERENCE PRESENTATIONS
15:00	
11:00	COMPETITION AND COOPERATION IN RETURN LOGISTICS (ru)
	Sheverda Polina Ruslanovna (Financial University under the Government of the Russian Federation,
	Undergraduate, 2nd year)
11:20	IMPROVING THE PERFORMANCE OF TRAINEE SERVICE ENGINEERS AT NVBS JSC (ru)
	Nemov Alexander Georgievich (High School of Economics, Undergraduate, 4th year)
	Scientific advisor: Boltroukevich V.E.
11:40	DEVELOPMENT OF THE PRODUCTION SYSTEM IN THE REPAIR SECTOR OF INDUSTRIAL ENTERPRISES IN
	THE CONTEXT OF THE TREND TOWARDS DIGITALIZATION OF ENTERPRISES IN THE RUSSIAN FEDERATION
	(ru)

	Germanov Maksim Glebovich, Efimov Vladislav Aleksandrovich, Serebrennikov Dmitrij Aleksandrovich
	(Bauman Moscow State Technical University, Undergraduate, 4th year)
	Scientific advisor: Alekseeva E.V.
12:00	MODELLING THE PROCUREMENT PROCESS IN DIGITAL LOGISTICS ON THE PRINCIPLES OF OPERATIONAL
	MANAGEMENT (ru)
	Chulkov Nikita Anatol'evich (Moscow Automobile and Road Construction State Technical University,
	Master's degree, 2nd year)
	Scientific advisor: Volkov V.D.
12:20	FORMALIZED REPRESENTATION OF PRODUCTION PROCESSES IN DIGITAL LOGISTICS (ru)
	Frolov Igor' Romanovich (Moscow Automobile and Road Construction State Technical University,
	Master's degree, 1st year)
	Scientific advisor: Volkov V.D.
12:40-	Break
13:00	
13:00	AN ALTERNATIVE WAY TO IMPLEMENT INPUT CONTROL OF COMPONENTS IN SMALL ELECTRONIC
	ENTERPRISES (ru)
	Osokin Igor' Igorevich (Bauman Moscow State Technical University, Undergraduate, 4th year)
	Scientific advisor: Baev G.O.
13:20	IMPROVING OPERATIONAL EFFICIENCY ON THE EXAMPLE OF TECHNOPARK "IMPULSE" (ru)
	Kuznecov Sergej Andreevich (High School of Economics, Master's degree, 1st year)
	Scientific advisor: Boltroukevich V.E.
13:40	BUSINESS PROCESS OPTIMIZATION USING THE SYSTEM THINKING (ru)
	Pozdnyakov Sergej Anatol'evich (Russian State University of Tourism and Service, Specialty, 5th year)
14:00	DEVELOPMENT OF AN AUTOMATED CONTROL SYSTEM FOR PRODUCT TRACEABILITY (ru)
	Haritonova Polina Nikolaevna, Martirosyan Marina Martikovna (Moscow State University of Food
	Production, Undergraduate, 4th year)
	Scientific advisor: Nazoikin E.A.
14:20	THE IMPACT OF ADDITIVE MANUFACTURING ON SUPPLY CHAIN TRANSFORMATION IN THE POST-COVID-
	19 ERA
	Borovskii Vlad (Beijing Jaotong University, Master's programme, 2nd year)

## 15:30 - 17:30 MASTER CLASSES

**Technical support:** Nataliya Alyamovskaya (Senior Lecturer, Department of Operations Management and Logistics, HSE University, e-mail: <a href="mailto:nalyamovskaya@hse.ru">nalyamovskaya@hse.ru</a>), Tamara Levina (Associate Professor, Department of Operations Management and Logistics, HSE University, e-mail: <a href="mailto:levina-tamara@mail.ru">levina-tamara@mail.ru</a>)

15.30	DIGITALIZATION OF SUPPLY CHAIN MANAGEMENT (ru)
	Mandryka Vladislav (Dodo Pizza, Chief Supply Chain Officer)
16:00	INTEGRATION OF SUPPLY CHAIN PLANNING: DILEMMAS, CHALLENGES AND WAYS TO OVERCOME (ru)
	Muratov Ravil' (ACCENTURE: Strategy & Consulting, Technology Manager)
16:30	THREE BEHAVIOR PATTERNS AND HIGH EFFICIENCY ORGANIZATION (ru) <sup>1</sup>
	(Zupnik Oleg, Philips, Business Transformation Leader)
17:00	TRANSFORMATION OF MARKETPLACE BUSINESS MODEL: NETWORK EFFECT IN LOGISTICS (ru)
	Ivenin Roman (Ozon, Head of Marketplace Economics Management Department)

# 17:30 CONFERENCE DEBRIEF

<sup>1</sup> The presentation will be in Russian, but the slides are planned in English