

MINISTRY OF EDUCATION OF THE REPUBLIC OF BELARUS

VITEBSK STATE TECHNOLOGICAL UNIVERSITY



PROGRAM

of the VI International Scientific and Practical Conference
«EDUCATION AND SCIENCE IN THE 21st CENTURY»

November 11, 2021

Vitebsk 2021

VI International Scientific and Practical Conference

«*EDUCATION AND SCIENCE IN THE 21st CENTURY*»

AGENDA

November 11, 2021

Venue: 72 Moscovsky av., Vitebsk, Belarus
VSTU Building № 1, room 210

9.50-10.00	Conference video connection via zoom
10.00-10.10	Opening of the conference, Greetings Vice-rector for Research of VSTU, dr., prof. ALENA VANKEVICH
10.10-11.10	Plenary session
11.30-15.00	Work by sections according to the program of the conference Section 1. Industrial technologies and equipment (VSTU Building 1, room 225) Section 2. Social and economic problems of education and science development in the 21 st century (VSTU Building 1, room 210) Section 3. Language education for specific professional skills (VSTU Building 1, room 348)

Time limit

Plenary report – 20 min

Section report – 10 min

Plenary session

Chairman: Prof. Dr. ALENA VANKEVICH, Vice-rector for Research of VSTU

Secretary: DMITRY STEPANOV, senior lecturer of Foreign Languages Department

Reports

IMPROVING WRITING AND SPEAKING MASTERY: TEACHING AND LEARNING STRATEGIES FOR NON-LINGUISTIC STUDENTS

SVETLANA KOSTYREVA, Ph.D.,

Vitebsk State Technological University, Belarus

THE MECHATRONIC OF JACQUARD WOVEN MACHINE FOR QUALITY OF PRODUCTION

Prof. Dr. ELSAYED AHMED ELNASHAR

Kaferelsheikh University, Egypt

Section 1. INDUSTRIAL TECHNOLOGIES AND EQUIPMENT

Chairman: Prof. Dr. DMITRY RYKLIN, Head of the Department of Textile Materials Technology

Secretary: MARIA DEMIDOVA, postgraduate student of the Department of Textile Materials Technology

Venue: VSTU Building № 1, room 225

Reports

ASSESSMENT OF ADHESION OF NANOFIBER MATERIALS

Demidova M.A., postgraduate student

Prof. Dr. Ryklin D.B., professor

Vitebsk State Technological University, Belarus

ADVANTAGES AND DISADVANTAGES OF THE METHOD FOR TESTING OF THE TOTAL AND RESIDUAL DEFORMATION OF THE STIFFENERS

Derkachenko P., senior lecturer

Vitebsk State Technological University, Belarus

DEVELOPMENT OF THE CAPACITIVE SENSOR FOR MONITORING THE QUALITY OF INDUSTRIAL OILS FOR TEXTILE MACHINES

Prof. Dr. Jezhora A.,

Navumenka A., Ph.D.

Zhiznevsky V., Ph.D.

Leonov V., senior lecturer

Vitebsk State Technological University, Belarus

INVESTIGATION OF THE CONTENT OF SLUDGES OF CHEMICAL WATER TREATMENT OF COMBINED HEAT AND POWER PLANTS ON THE PROPERTIES OF CLINKER CERAMIC BUILDING MATERIALS

Kauchur A., Ph.D.

Manak P., postgraduate student

Hrachanikau A., Ph.D.

Vitebsk State Technological University, Belarus

Prof. Dr. Sheleh V.,

Belarusian National Technical University, Belarus

ENZYME-CONTAINING SILICONE COMPOSITIONS IN THE TECHNOLOGY OF SOFTENING COTTON FABRICS

Lenko K., postgraduate student

Dr. Yasinskaya N.,

Skobova N., Ph.D.

Lisovsky D., postgraduate student

Vitebsk State Technological University, Belarus

INVESTIGATION OF THE DEPENDENCE OF THE QUALITY INDICES OF ROTOR SPUN YARN ON THE PROPORTION CONTENT OF REGENERATED FIBROUS WASTES IN THE MIXTURE

Makhkamova Sh. F., Ph.D.,

Valieva Z.F., senior lecturer

Temirov Sh.I.,

Tashkent Institute of Textile and Light Industry, Uzbekistan

INTERACTIONS OF ETHER-BASED FATS ON LEATHER PROPERTIES FOR UPPER

Makhammadiyeva Kh.,

Shamsieva M.

Tashkent Institute of Textile and Light Industry, Uzbekistan

DESIGN OF HOUSEHOLD LIGHTING DEVICES

Samutsina N., Ph.D.,

Justine A., student

Vitebsk State Technological University, Belarus

IMAGES OF FRAGMENTS OF CIRCUIT BOARDS AND MICROCHIPS OF ELECTRONIC DEVICES IN A TEXTILE DRAWING

Prof. Dr. Shchepochkina J.,

Ivanovo State Politechnical University, Russia

DISPERSION ANALYSIS OF THE EFFECT OF SELF-HYSTERNATION ANGLE ON WEAR RESISTANCE OF SEMI-RIGID YARN

Valieva Z.F., senior lecturer

Makhkamova Sh.F., Ph.D.,

Temirov Sh.I.,

Tashkent Institute of Textile and Light Industry, Uzbekistan

Section 2. SOCIAL AND ECONOMIC PROBLEMS OF EDUCATION AND SCIENCE DEVELOPMENT IN THE 21st CENTURY

Chairman: OLGA SOVETNIKOVA, Ph.D., Head of the Department of Finance and Commercial Activity

Secretary: ALENA ALIAKSEYEVA, Head of the Doctoral Studies office

Venue: VSTU Building № 1, room 210

Reports

STUDY OF SECTORAL SHIFTS IN THE CONTEXT OF DIGITALIZATION OF THE ECONOMY

Aliakseyeva A., senior lecturer

Vitebsk State Technological University, Belarus

METHODOLOGICAL TOOLS FOR ASSESSMENT OF BALANCE IN THE DEVELOPMENT OF INDUSTRIAL ENTERPRISES

Bykau K., senior lecturer

Vitebsk State Technological University, Belarus

TERM OF INNOVATION POTENTIAL IN THE SCIENCE OF ECONOMICS

Gladevich J., Researcher

Daugavpils University, Latvia

STRUCTURE OF THE REGIONS' INNOVATION POTENTIAL

Gladevich J., Researcher

Daugavpils University, Latvia

MODERN APPROACHES TO THE DEFINITION OF LABOR FORCE MOBILITY IN THE LABOR MARKET

Gutorova A., assistant

Vitebsk State Technological University, Belarus

SHADOW BANKING : STATUS QUO ANALYSIS AND REGULATORY APPROACHES

Liu Leilei, student

Vitebsk State Technological University, Belarus

STAKEHOLDER THEORY

Nikolayeva Yu.N., senior lecturer

Vitebsk State Technological University, Belarus

FEATURES OF THE STRATEGY OF "SMART SPECIALIZATION" AS A
PRIORITY DIRECTION OF SOCIO-ECONOMIC DEVELOPMENT OF
REGIONS

Sherstneva O.M., senior lecturer

Vitebsk State Technological University, Belarus

THE CURRENT STATE OF THE SECURITIES MARKET IN THE REPUBLIC
OF BELARUS

Prof. Dr. Vankevich A.V.,

Kolokolchikova A., student

Vitebsk State Technological University, Belarus

CONSTRUCTION CALCULATOR

Vardomatskaya E.U., senior lecturer

Belskaya A.A., student

Vitebsk State Technological University, Belarus

ANALYSIS OF THE CHARACTER AND MEASURES OF RELATIONS
BETWEEN PERSONAL AND SUBSTANTIAL ELEMENTS IN THE
PRODUCTION ENVIRONMENT

Vardomatskaya E.U., senior lecturer

Sysoev I.P., Ph.D.

Ivanova A.A., student

Ilyina D.A., student

Vitebsk State Technological University, Belarus

FINANCIAL RATION ANALYSIS AS A SOURCE OF INFORMATION FOR
USERS CONCERNED

Wang Rui, student

Yang Siyan, student

Vitebsk State Technological University, Belarus

FEATURES OF FINANCIAL LEASING AS A TYPE OF INVESTMENT
ACTIVITIES

Zanevskij E., student

Yanka Kupala State University of Grodno, Belarus

SMALL AND MEDIUM BUSINESSES AS COMPONENTS IN THE
STRATEGY OF SUSTAINABLE DEVELOPMENT OF THE ECONOMY OF
THE REPUBLIC OF BELARUS

Zanevskij E., student

Yanka Kupala State University of Grodno, Belarus

ASSESSMENT AND CLASSIFICATION OF CLUSTERS ACCORDING TO
THE METHODOLOGY OF THE EUROPEAN UNION: EXPERIENCE FOR
BELARUS

Prof. Dr. Yashava G.A.,

Nikolayeva Yu.N., senior lecturer

Vitebsk State Technological University, Belarus

THE EXPERIENCE OF THE EUROPEAN UNION IN THE FORMATION OF
CLUSTER INITIATIVES AND PROGRAMS

Prof. Dr. Yashava G.A.,

Vailunova Y. G., PhD

Panchenko K.V., student

Vitebsk State Technological University, Belarus

COMPUTER MODELING OF INVESTMENT RISKS

Prof. Dr. Yashava G.A.,

Vardomatskaya E.U., senior lecturer

Mareckya V.D., student

Lebedeva V.S., student

Vitebsk State Technological University, Belarus

CONTEMPORARY INDUSTRIAL DEVELOPMENT AND
TRANSFORMATION OF INDUSTRIAL POLICIES

Zhao Xin, student

Prof. Dr. Vankevich A.V.,

Aliakseyeva A., senior lecturer

Vitebsk State Technological University, Belarus

Section 3. LANGUAGE EDUCATION FOR SPECIFIC PROFESSIONAL SKILLS

Chairman: SVETLANA KOSTYREVA, Ph.D., Head of Foreign Languages Department

Secretary: DMITRY STEPANOV, senior lecturer of Foreign Languages Department

Venue: VSTU Building № 1, room 348

Reports

FROM THE NEWWAVE EXPERIENCE OF THE FOREIGN LANGUAGE TEACHING AT TECHNICAL UNIVERSITY

Burdyko O.V., lecturer

Vitebsk State Technological University, Belarus

PROBLEMS OF CROSS-CULTURAL COMMUNICATION IN AN EDUCATIONAL INSTITUTION (BASED ON THE ENGLISH LANGUAGE)

Fedorov G., student

Shurupova M., PhD.

State University of Humanities and Technology, Russia

ADVERTISING AS A FORM OF MODERN MASS COMMUNICATION

Ivanova N., student

Kirillova A., student

Merenkova D., student

Shurupova M., PhD.

State University of Humanities and Technology, Russia

USE OF INTERNET RESOURCES IN THE PROCESS OF TEACHING FOREIGN LANGUAGES

Imperovich V. V., lecturer

Vitebsk State Technological University, Belarus

TYPES OF RESEARCH IN EDUCATION

Izmailovich O., lecturer

Vitebsk State Technological University, Belarus

STRATEGY FOR IMPROVING THE PATRIOTIC EDUCATION SYSTEM FOR THE YOUNG GENERATION

Ostapenko O.G., PhD.

Ovchinnikova M.V., PhD.

Churiukanova E.O., PhD.

State University of Humanities and Technology, Russia

**SUPERSTRUCTURAL MARKERS OF THE POLYCODE INTERPRETATION
DISCOURSE**

Palubinski P.S., lecturer

Belarusian State University of Informatics and Radioelectronics, Belarus

USE OF VISUAL AIDS IN TEACHING ENGLISH FOR SPECIAL PURPOSES

Stepanov D., senior lecturer

Vitebsk State Technological University, Belarus