



***DAUGAVPILS UNIVERSITĀTES
65. STARPTAUTISKĀS
ZINĀTNISKĀS KONFERENCES***

PROGRAMMA

PROGRAMME OF

***THE 65th INTERNATIONAL
SCIENTIFIC CONFERENCE OF
DAUGAVPILS UNIVERSITY***

**DAUGAVPILS
20.04. – 21.04.2023.**

**Daugavpils Universitātes 65. starptautiskās zinātniskās konferences
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Dr. iur., prof. **Vitolds Zahars** (Daugavpils Universitāte, Latvija)

**Daugavpils Universitātes 65. starptautiskās zinātniskās konferences
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KONFERENCES DARBA KĀRTĪBA / CONFERENCE AGENDA

2023. GADA 20. APRĪLIS / APRIL 20, 2023

9.00-10.00 *Reģistrācija klātienē dalībniekiem / Registration for in-person participants*
Parādes ielā 1a, 1. st. foajē / Parādes Str. 1a, 1st floor, hall

10.00 *Konferences atklāšana, plenārsēde / Conference opening ceremony, plenary session*
Attālināti un Parādes ielā 1a, 130. aud. / Remotely and Parādes Street 1a, Room 130

Dzintra Iliško **“Building Resilience and Self-Care in Academia in Post-Pandemic”**
(Daugavpils University, Latvia)

Jade D. Solaña **“The Role of Sustainability Accounting: A Paradigm Shift?”**
(University of Mindanao, Philippines)

Anna Mežaka **“How bryophytes survive in stress?”** (Daugavpils University, Latvia)

11.30-12.00 *Kafijas pauze / Coffee break*
Parādes ielā 1a, 1. st. foajē / Parādes Str. 1a, 1st floor, hall

12.00 *Darbs tematiskajās grupās / Session work*

18.30 *Saviesīgais vakars / Social evening*
Ģimnāzijas ielā 46, viesnīca “Park Hotel Latgola” / Ģimnāzijas Str. 46, “Park Hotel Latgola”
Tikai iepriekš pieteiktajiem dalībniekiem, kuri veikuši apmaksu / Only for pre-registered participants who have already paid

2023. GADA 21. APRĪLIS / APRIL 21, 2023

9.00-10.00 *Reģistrācija klātienē dalībniekiem / Registration for in-person participants*
Parādes ielā 1a, 1. st. foajē / Parādes Str. 1a, 1st floor, hall

9.00 *Darbs tematiskajās grupās / Session work*

12.00-12.30 *Kafijas pauze / Coffee break*
Parādes ielā 1a, 1. st. foajē / Parādes Str. 1a, 1st floor, hall

**KONFERENCES LAIKĀ TIKS VEIKTA FOTOGRAFĒŠANA UN FILMĒŠANA!
PHOTOGRAPHS AND VIDEO WILL BE TAKEN AT THE CONFERENCE!**

2023. GADA 20. APRĪLIS / APRIL 20, 2023

DARBA GRUPA / WORKGROUP:

IZGLĪTĪBAS ZINĀTNES, PSIHOLOĢIJA I / EDUCATIONAL SCIENCES, PSYCHOLOGY I

Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023

Attālināti un Parādes ielā 1a, 130. aud. / Remotely and Parādes Street 1a, Room 130

Plkst. 12.00 – 13.45

Moderatores / Chairs

PhD DZINTRA ILIŠKO,

PhD MABASIA MOTHEBA RAMANEMANE

12.00	<i>Mabasia Motheba Ramanemane, Mosia Paseka</i>	EXPLORING TEACHING AND LEARNING FOR LEARNERS WITH AUTISM
12.15	<i>Hu Mingzhi, Dzintra Iliško</i>	APPLICATION OF ICT IN VOCATIONAL EDUCATION IN LATVIA AND EU IN THE POST-PANDEMIC ERA
12.30	<i>Alisa Miškovska, Dzintra Iliško</i>	THE COMPETENCES OF THE COACH IN TRAINING ELITE FIGURE SKATERS
12.45	<i>Jelena Davidova, Yue Zhang</i>	THE CONSTRUCT OF BULLYING IN SCHOOL SETTINGS: THEORETICAL BASIS
13.00	<i>Dzintra Iliško, Muhsinjon Juraev, Okhunbobo Rahimov</i>	FEATURES OF TEACHING ELECTRIC POWER INDUSTRY AND COMMUNICATION IN AN INTER DISCIPLINARY WAY
13.15	<i>Jekaterina Siļinkina</i>	THE CRISIS OF EDUCATION AND THE FACTORS PREVENTING ITS SUSTAINABLE DEVELOPMENT
13.30	<i>Sebolelo Moorosi</i>	TEACHING AND LEARNING QUESTION TAGS IN ENGLISH AS A SECOND LANGUAGE IN LESOTHO SECONDARY SCHOOLS: THE CASE OF SELECTED SCHOOLS IN QUTHING DISTRICT

DARBA GRUPA / WORKGROUP:

IZGLĪTĪBAS ZINĀTNES, PSIHOLOĢIJA II / EDUCATIONAL SCIENCES, PSYCHOLOGY II

Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023

Attālināti un Parādes ielā 1a, 130. aud. / Remotely and Parādes Street 1a, Room 130

Plkst. 14.30 – 15.45

Moderatores / Chairs

Dr. paed. ERIDIANA OĻEHNOVIČA,

Dr. paed. MĀRĪTE KRAVALE-PAULIŅA

14.30	<i>Edmunds Jansons</i>	ADAPTING FORESIGHT EXERCISE APPROACH IN REGIONAL UNIVERSITY SETTINGS
14.45	<i>Algimantas Bagdonas, Nijolė Meškeliene, Svetlana Ušča, Jana Grava</i>	THE INFLUENCE OF VOLUNTARY ACTIVITIES OF FUTURE TEACHERS ON THE EDUCATION OF SOFT SKILLS: THE CASE OF LITHUANIA AND LATVIA HIGH SCHOOLS
15.00	<i>Mārīte Kravale- Pauliņa, Eridiana Oļehnoviča, Ilona Fjodorova</i>	DEVELOPING DIGITAL LITERACY IN SECONDARY SCHOOL: APPROACHES AND TOOLS
15.15	<i>Sergejs Andrejevs, Vitālijs Raščevskis</i>	EMERGING ADULTHOOD RELATIONSHIPS BETWEEN PERCEIVED PARENT-CHILD RELATIONSHIP CLUSTERS AND IDENTITY STATUSES
15.30	<i>Evija Nagle, Solveiga Blumberga, Ingūna Griškēviča, Sandra Mihailova</i>	VESELĪBAS APRŪPES DARBINIEKU PROFESIONĀLĀ DEFORMĀCIJA: IZDEĢŠANAS LĪMENIS COVID-19 PANDĒMIJAS LAIKĀ

DARBA GRUPA / WORKGROUP:
KĪMIJA / CHEMISTRY
 Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
 Attālināti un Parādes ielā 1, 118. aud. / Remotely and Parādes Street 1, Room 118
 Plkst. 12.00 – 14.15

Moderators / Chair
Dr. chem. SERGEJS OSIPOVS

12.00	<i>Sergejs Osipovs, Aleksandrs Pučkīns</i>	IMPROVING THE QUALITY AND QUANTITY OF BIOGAS PRODUCED FROM FISH PROCESSING WASTE
12.15	<i>Jelizaveta Širokova, Natalja Škute, Jeļena Kirilova, Turs Selga, Aleksandrs Petjukevičs</i>	APPLICATION OF NEW DISUBSTITUTED BENZANTHRONE DYES FOR PLANT MOLECULAR AND CELL BIOLOGY
12.30	<i>Jelizaveta Širokova, Armands Maleckis, Jelena Kirilova</i>	EFFECT OF THE NITRO GROUP ON NUCLEOPHILIC SUBSTITUTION IN BENZANTHRONE
12.45	<i>Alise Kirilova, Marina Savicka</i>	USE OF THE YEAST SACCHAROMYCES CEREVISIAE FOR TOXICITY EVALUATION OF SOME LUMINESCENT DYES
13.00	<i>Armands Maļeckis, Evans Griškjāns, Marija Cvetinska, Elena Kirilova</i>	SYNTHESIS AND EXAMINATION OF PHOTOPHYSICAL PROPERTIES OF BENZANTHRONE ETHYNYL DERIVATIVES
13.15	<i>Pāvels Osipovs, Sergejs Osipovs, Aleksandrs Pučkīns</i>	IMPROVING THE QUANTITY AND QUALITY OF THE PRODUCTS OBTAINED IN THE PROCESS OF SOLID WASTE PYROLYSIS
13.30	<i>Maksīms Stašāns, Aleksandrs Pučkīns, Sergejs Osipovs, Artūrs Zariņš, Valdis Mizers</i>	OPTIMIZATION OF THE METHOD FOR REDUCING TAR CONCENTRATIONS IN THE GENERATOR GASES OBTAINED DURING THE BIOMASS GASIFICATION PROCESS
13.45	<i>Nadina Tina Vanaga, Liga Avotina, Arturs Zarins, Gunta Kizane</i>	APPLICATION POSSIBILITIES OF FTIR SPECTROMETRY FOR ANALYSIS OF VOLATILE ORGANIC COMPOUND SORPTION PROPERTIES IN SHEEP WOOL FILTERS
14.00	<i>Romans Fridmans, Elena Kirilova</i>	SYNTHESIS OF NEW BENZANTHRONE DYES WITH STRONGLY ELECTRON-WITHDRAWING SUBSTITUENTS

DARBA GRUPA / WORKGROUP:
MATEMĀTIKA UN FIZIKA / MATHEMATICS AND PHYSICS
 Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
 Attālināti un Parādes ielā 1, 115. aud. / Remotely and Parādes Street 1, Room 115
 Plkst. 12.00 – 15.00

Moderators / Chair
Mg. phys. VALDIS MIZERS

12.00	<i>Jans Kevišs, Irena Mihailova, Vjačeslavs Gerbreders, Marina Krasovska, Eriks Sļedevskis, Valdis Mizers, Andrejs Bulanovs, Andrejs Ogurcovs</i>	ELECTROCHEMICAL HYDROGEN PEROXIDE SENSOR BASED ON COPPER OXIDE NANOSTRUCTURES
12.15	<i>Viesturs Silamiķelis, Aigars Apsītis, Jānis Sņiķeris, Austris Pumpurs</i>	ELECTROMAGNETIC LEVITATION FOR CRYSTAL GROWTH - MEASURING EM FIELD, EMITTED HEAT AND ACTING FORCE WITHIN AN ELECTROMAGNETIC LEVITATION COIL
12.30	<i>Irēna Mihailova, Vjačeslavs Gerbreders, Marina Krasovska, Ēriks Sļedevskis, Valdis Mizers</i>	ELECTROCHEMICAL HYDROGEN PEROXIDE SENSOR BASED ON TITANIUM DIOXIDE NANOSTRUCTURES

12.45	<i>Valentin Kosykh, Valdis Mizers, Eriks Sledevskis, Vjaceslavs Gerbreders, Irena Mihailova, Marina Krasovska</i>	METHODS FOR DETERMINING H ₂ O ₂ IN LIQUIDS BASED ON IRON IONS
13.00	<i>Armands Gritsans, Andrei Kolyshkin, Diana Ogorelova, Felix Sadyrbaev, Inna Samuilik, Inara Yermachenko</i>	ON THE MULTIPLICITY OF SOLUTIONS FOR A BOUNDARY VALUE PROBLEM WITH THE ARRHENIUS NONLINEARITY
13.15	<i>Anita Kiričuka</i>	BOUNDARY VALUE PROBLEMS FOR CONSERVATIVE AND DISSIPATIVE EQUATIONS
13.30	<i>Anita Sondore, Valentīna Beinaroviča</i>	VALODDARBĪBAS PRASMJU AKTUALITĀTE MATEMĀTIKAS MĀCĪBU PROCESĀ
13.45	<i>Vadims Kolbjonoks, Andrejs Bulanovs</i>	DIFRAKCIJAS OPTISKO ELEMENTU IZGATAVOŠANA UZ AR-N 7520 REZISTA BĀZES
14.00	<i>Andrejs Ogurcovs, Kevon Kadivwala, Eriks Sledevskis, Marina Krasovska, Valdis Mizers</i>	GLYPHOSATE SENSOR BASED ON NANOSTRUCTURED WATER-GATED CUO FIELD-EFFECT TRANSISTOR
14.15	<i>Andrejs Ogurcovs, Kevon Kadivwala, Eriks Sledevskis, Marina Krasovska, Edgars Butanovs</i>	REACTIVE MAGNETRON DEPOSITION OF NICKEL OXIDE THIN FILMS FOR ELECTROLYTE-GATED THIN FILM TRANSISTORS
14.30	<i>Andrejs Sapkins</i>	VOLTAMMETRIC SENSOR BASED ON MICRO- AND NANOSTRUCTURES COBALT OXIDE FOR DETERMINATION IN H ₂ O ₂ AQUEOUS SOLUTIONS
14.45	<i>Diana Ogorelova</i>	ON LINEARIZATION ON SOME SYSTEM ARISING IN THE THEORY OF NEURAL NETWORKS, IN THE NEIGHBORHOOD OF A CRITICAL POINT

**DARBA GRUPA / WORKGROUP:
MĀKSLA UN MŪZIKA / ART AND MUSIC**
Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
Attālināti / Remotely
Plkst. 12.00 - 14.45

Moderatore / Chair
Dr. art. ZELTĪTE BARŠEVSKA

12.00	<i>Anna Pakere, Zeltīte Barševska</i>	IDENTIFYING AND PRESERVING INTANGIBLE CULTURAL HERITAGE IN THE CONTEXT OF LIFELONG LEARNING: TRADITIONS AND INNOVATIONS OF LATVIAN PUBLIC LIBRARIES
12.15	<i>Jeļena Šapkova, Zeltīte Barševska</i>	REALIZATION OF CULTURAL PROJECTS IN THE CONTEXT OF THE PUBLIC LIBRARIES NETWORK: THE EXPERIENCE OF LATGALE CENTRAL LIBRARY
12.30	<i>Elvīta Kotāne, Aina Strode</i>	ASPECTS OF GRAPHIC DESIGN DEVELOPMENT FOR A RURAL TOURISM GUIDE
12.45	<i>Jeļena Tamane</i>	MODERN TENDENCIES OF TEXTILE DESIGN
13.00	<i>Sarmīte Bogdanoviča</i>	CONTEMPORARY DESIGN: ASPECTS OF THINKING
13.15	<i>Iveta Feldmane</i>	ĶERMENIS KĀ TRIBĪNE LEONARDA LAGANOVSKA KONCEPTUĀLO DARBU SĒRIJĀS
13.30	<i>Sigija Šķēle-Tomiņa, Jeļena Koževnikova</i>	VITREOGRAPHY TECHNIQUES AND ARTISTS
13.45	<i>Gīta Palma</i>	THE EXHIBITION AS A FORM OF COMMUNICATION WITH THE PUBLIC
14.00	<i>Olga Gaile</i>	OPERAS ŽANRS FRANCIJĀ 19. GADSIMTA OTRAJĀ PUSĒ
14.15	<i>Nelliņa Muižniece, Žanna Vērdiņa</i>	MEANS OF PORTRAIT EXPRESSION IN THE CONTEMPORARY PAINTING
14.30	<i>Silvija Ozola</i>	THE INFLUENCE OF CHURCHES FOR CITIZENSHIP CATHOLIC PARISHES ON THE LAYOUT AND URBAN SPACE OF HANSEATIC CITIES OF THE ARCHBISHOPRIC OF RIGA IN THE 13TH AND 14TH CENTURIES

DARBA GRUPA / WORKGROUP:
VESELĪBAS APRŪPES ZINĀTNE I / HEALTH CARE SCIENCE I
 Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
 Attālināti / Remotely
 Plkst. 12.00 – 15.30

Moderatore / Chair
Dr. biol. ILONA SKRINDA

12.00	<i>Natalja Maiboroda, Jānis Eglītis, Silvestrs Rubins, Aleksejs Zavorins</i>	THE ROLE OF THE SENTINEL LYMPH NODE BIOPSY IN MELANOMA PATIENTS: A RETROSPECTIVE SINGLE CENTER ANALYSIS
12.15	<i>Anastasija Ševčenko</i>	FREQUENCY AND SEVERITY OF ANXIETY AND DEPRESSION SYMPTOMS AND THEIR ASSOCIATED FACTORS IN PATIENTS IN A LONG-TERM METHADONE MAINTENANCE TREATMENT
12.30	<i>Madara Kraukle, Māra Kaše-Stūrmane</i>	PATIENTS' AWARENESS OF ORTHOPEDIC HIP ARTHROPLASTY POSTOPERATIVE PERIOD AND SOURCES OF KNOWLEDGE
12.45	<i>Matīss Šņukuts, Indra Zeltiņa</i>	A PRELIMINARY STUDY ON PREDICTING SPONTANEOUS BACTERIAL PERITONITIS WITH NEUTROPHIL-TO-LYMPHOCYTE RATIO IN PATIENTS WITH LIVER CIRRHOSIS AND CHRONIC VIRAL HEPATITIS B OR C
13.00	<i>Sabīne Bebere, Jeļena Vrubļevska</i>	A STRUCTURED LITERATURE REVIEW OF ADVERSE CHILDHOOD EXPERIENCES IN PATIENTS WITH PSYCHOACTIVE SUBSTANCE ADDICTION
13.15	<i>Elīna Misāne</i>	ANALYSIS OF 57 SURGICALLY TREATED BASAL CELL CARCINOMA PATIENT CASES LOCALISED IN HEAD AND NECK AREA
13.30	<i>Marija Pavlukovica, Anatolijs Pozarskis, Anda Kivite-Urtane</i>	ASSOCIATION OF DEPRESSION AND ANXIETY WITH SEXUAL ORIENTATION IN A CONVENIENCE SAMPLE OF LATVIAN YOUNG ADULTS
13.45	<i>Laura Tauriņa, Natālija Bērziņa</i>	CHANGES IN THE SEVERITY OF DEPRESSIVE AND ANXIETY SYMPTOMS IN HOSPITALISED PATIENTS WITH RECURRENT MAJOR DEPRESSIVE DISORDER AFTER A COURSE OF MUSIC THERAPY
14.00	<i>Jekaterina Manuhina, Madara Tirzīte, Rita Smolova</i>	CLINICAL FEATURES, TREATMENT OUTCOMES AND PROGNOSTIC FACTORS IN ADULT PATIENTS HOSPITALIZED WITH SARS-COV-2 INFECTION: A RETROSPECTIVE COHORT STUDY
14.15	<i>Elīna Misāne</i>	MAXILLOFACIAL INJURY MANAGEMENT IN PATIENT WITH POLYTRAUMA: A FALL FROM THE 4TH FLOOR. CASE REPORT
14.30	<i>Elīna Polunosika, Arta Akmene, Daina Pastare, Guntis Karelis</i>	CORRELATION BETWEEN SDMT AND FUNCTIONAL STATUS IN MULTIPLE SCLEROSIS PATIENTS
14.45	<i>Mihails Žuravļovs, Valērija Garaščenko, Vitalija Muzika, Anna Siņukova, Inta Zīle, Darja Arīna Miškina</i>	DEPRESSIVE AND ANXIETY SYMPTOMS AMONG ISOTRETINOIN USERS IN LATVIA
15.00	<i>Vitalija Muzika, Mihails Žuravļovs, Darja Arīna Miškina</i>	PREVALENCE AND ASSOCIATED FACTORS OF DEPRESSIVE SYMPTOMS IN ADULT ACNE VULGARIS PATIENTS IN LATVIA
15.15	<i>Mihails Žuravļovs, Elīna Konstantinova, Laura Karkovska, Alise Mirdza Jēgere, Laura Kevere</i>	FACTORS ASSOCIATED WITH BURNOUT IN AMBULANCE WORKERS IN LATVIA

DARBA GRUPA / WORKGROUP:
VESELĪBAS APRŪPES ZINĀTNE II / HEALTH CARE SCIENCE II
 Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
 Attālināti / Remotely
 Plkst. 12.00 – 14.45

Moderatore / Chair
Dr. biol. LĪGA ANTOŅEVIČA

12.00	<i>Aija Ozola, Kristīne Mārtinsona</i>	DEVELOPMENT OF MUSIC- AND WEB-BASED INTERVENTION CONTENT TO PROMOTE SELF-CARE: INTERVENTION MAPPING APPROACH
12.15	<i>Lita Saulīte, Andris Skride</i>	DOSES OF ENOXAPARIN DEPENDING ON GLOMERULAR FILTRATION RATE IN ACUTE PULMONARY THROMBOEMBOLISM
12.30	<i>Anna Regīna Knoka, Megija Zunde, Linda Jakuboviča, Jelena Reste</i>	EFFECT OF STANDING SUPPORT CHAIR AND ANTI-FATIGUE MAT ON MUSCLE ELECTRIC ACTIVITY IN LEGS AND GLUTEAL REGION
12.45	<i>Patrīcija Sproģe, Katrīna Kupča, Kārlis Kupčs</i>	ENDOVASCULAR TREATMENT OF ACUTE ISCHAEMIC STROKE WITH A DYNAMIC THROMBECTOMY SYSTEM
13.00	<i>Kristīne Saulus, Sergejs Lobanovs, Anastasija Belusa, Katrīna Neilande, Margarita Puķīte</i>	IMPACT OF MENOPAUSE HORMONE THERAPY ON THE BODY MASS INDEX OF MENOPAUSAL WOMEN
13.15	<i>Alina Rižankova</i>	INCIDENCE OF PATIENS WITH MEDULLARY THYROID CANCER IN LATVIA
13.30	<i>Iveta Vitālija Grincevičute, Marija Semjonova, Inga Landsmane</i>	LATVIAN YOUTH OPINION ABOUT E-CIGARETTE USE IN COMPARISON WITH TOBACCO CIGARETTES
13.45	<i>Paula Feldmane, Jurita Berģe, Evita Annamarija Klemence</i>	COMPARATIVE EVALUATION OF ATHEROSCLEROTIC AND DIABETIC GANGRENE PATIENT PROFILES
14.00	<i>Arta Grosmane, Gundega Kauķe, Marija Roddate, Violeta Žukova, Ieva Glāzere, Ieva Roze, Viktorijs Kēniņš</i>	MYASTHENIA GRAVIS AND ITS EFFECT ON QUALITY OF LIFE AND DAILY ACTIVITIES: A SINGLE-CENTER, CROSS SECTIONAL STUDY
14.15	<i>Artūrs Kupčs</i>	ORGANISATION OF COOPERATION BETWEEN THE PATIENT AND THE GENERAL PRACTITIONER
14.30	<i>Viktorijs Tihonova, Ainis Dzalbs</i>	OUTCOMES OF TYPE 2 DIABETES MELLITUS PHARMACOTHERAPY DUE TO CHANGES IN THE MEDICINE REIMBURSEMENT POLICY IN PRIMARY HEALTH CARE

DARBA GRUPA / WORKGROUP:
**VĒSTURE UN KULTŪRAS VĒSTURE /
 HISTORY AND HISTORY OF CULTURE**
 Ceturtdiena, 2023. gada 20. aprīlis / Thursday, April 20, 2023
 Attālināti un Parādes ielā 1, 203. aud. / Remotely and Parādes Street 1, Room 203
 Plkst. 12.00 – 13.00

Moderatore / Chair
Ph.D. MAIJA GRIZĀNE

12.00	<i>Gvido Grava</i>	THE CASE OF KLAIPĒDA IN HISTORIOGRAPHY OF LATVIA AND LITHUANIA: THE INTERWAR PERIOD (1918–1939)
12.15	<i>Anastasija Smirnova</i>	INSTITUTE OF THE RESEARCH OF YOUTH AND VOCATIONAL SUITABILITY OF THE CITY OF RIGA (IRYVSR) AND ITS ROLE IN PROF-ORIENTATION OF THE ORPHANS (1921–1944)
12.30	<i>Rita Samuša</i>	DAUGAVPILS STATE TEACHER INSTITUTE (1944–1952)
12.45	<i>Zintis Kārklīšs</i>	THE BEGINNING OF HOSTILITIES IN LATVIA (JUNE-JULY 1941) IN SOVIET AUTHORS' WORKS: A CRITICAL ANALYSIS

2023. GADA 21. APRĪLIS / APRIL 21, 2023

DARBA GRUPA / WORKGROUP:

BIOLOĢIJA / BIOLOGY

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023

Attālināti un Parādes ielā 1a, 130. aud. / Remotely and Parādes Street 1a, Room 130

Plkst. 10.00 – 14.15

Moderatore / Chair

Dr. biol. ANNA MEŽAKA

10.00	<i>Lenonya Francis, Tsepo Mokuku</i>	EXPLORING MINISASS IN THE TEACHING OF SCIENCE. A CASE STUDY IN LESOTHO
10.15	<i>Laura Taube, Maksims Balalajkins, Uldis Valainis</i>	MONITORING OF THE HERMIT BEETLE OSMODERMA BARNABITA IN LATVIA, REALITY AND FUTURE PERSPECTIVES
10.30	<i>Inese Kokina, Ilona Plaksenkova, Lauris Jankovskis, Marija Jermalonoka, Renata Galek</i>	A SYSTEMATIC REVIEW ON NEW INSIGHTS ON BIOSYNTHESIS OF NANOPARTICLES USING PLANTS EMPHASIZING THE USE OF ALFALFA (MEDICAGO SATIVA L.)
10.45	<i>Evita Oļehnoviča, Anna Pastare-Skutele, Ligita Liepiņa, Anna Mežaka</i>	BRYOPHYTE SPECIES DIVERSITY IN BLACK ALDER SWAMP FORESTS IN RELATION TO SUBSTRATE CHARACTERISTICS
11.00	<i>Aleksandra Mošenoka, Ilona Plaksenkova, Inese Kokina, Marija Jermaļonoka</i>	EFFECT OF IRON OXIDE NANOPARTICLES ON VARIOUS SIGNIFICANT AGRICULTURAL CROPS
11.15	<i>Ligita Mežaraupe, Sanita Kecko, Veronika Pavlova, Jeļena Kirilova, Ilze Rubeniņa, Muza Kirjušina</i>	DEVELOPMENT OF STAINING PROTOCOL USING A-ARYL-A-AMINOPHOSPHONATES LUMINOPHORES FOR OPISTHIOGLYPHE RANAE TREMATODE RESEARCH
11.30	<i>Evita Grāvele, Mihails Pupiņš, Ligita Mežaraupe, Muza Kirjušina</i>	HELMINTH PARASITES OF TAILED AMPHIBIANS WARTY NEWT, LISSOTRITON VULGARIS (LINNAEUS, 1758) AND CRESTED NEWT, TRITURUS CRISTATUS (LAURENTI, 1768) IN LATVIA
11.45	<i>V. Vibornijs, M. Zubkins, E. Strods, I. Aulika, J. Purans, A. Zajakina, K. Korotkaja, Z. Rudevica</i>	MAGNETRON SPUTTERING OF THIN FILM ANTI-MICROBIAL COATINGS AND ANTI-MICROBIAL EFFICIENCY EVALUATION METHODOLOGIES COMPARISON
12.00	KAFIJAS PAUZE / COFFEE BREAK	
12.30	<i>Sergejs Popovs, Tatjana Krama, Diana Bahhir, Liina Ots, Vadims Bartkevičs, Iveta Pugajeva, Tatjana Grigorjeva, Māris Munkevičs, Krišs Zants, Ronalds Krams, Enno Merivee, Anne Must, Markus J. Rantala, Indriķis Krams, Priit Jõers, Giedrius Trakimas</i>	BIOCHEMICAL AND BEHAVIOURAL PHENOTYPE OF FRUIT FLIES (DROSOPHILA MELANOGASTER MEIGEN, 1830) INDUCED BY PREDATOR STRESS

12.45	Tatjana Grigorjeva, Anniija Kotova, Vita Viktorija Maļutina, Tatjana Krama, Sergejs Popovs, Māris Munkevics, Krišts Zants, Ronalds Krams, Priit Jōers, Indriķis Krams, Giedrius Trakimas	THE EFFECT OF SEROTONIN CONCENTRATION CHANGES ON THE LATERAL MOVEMENTS OF FRUIT FLIES (<i>DROSOPHILA MELANOGASTER</i> MEIGEN, 1830)
13.00	Ronalds Krams, Tatjana Krama, Didzis Elferts, Guntis Brūmelis, Iluta Dauškane, Dina Cīrule, Janīna Daukšte, Patrīcija Raibarte, Linda Strode, Agnis Šmits, Indriķis Krams	THE ROLE OF ECOLOGICAL TRAPS IN THE PASSERINE (<i>PASSERIFORMES</i> LINNAEUS, 1758) BIRD SURVIVAL AND REPRODUCTION
13.15	Anastasija Čerkesa, Jeļena Oreha, Natalja Škute	GENETIC STRUCTURE OF PERCH (<i>PERCA FLUVIATILIS</i> (L.)) POPULATION IN DAUGAVA RIVER NEAR PLAVINAS CITY AS PART OF PERCH POPULATIONS OF DAUGAVA RIVER THAT ARE FRAGMENTED BY DAMS
13.30	Giedrius Trakimas, Tatjana Krama, Māris Munkevics, Ronalds Krams, Tatjana Grigorjeva, Priit Jōers, Sergejs Popovs, Krišts Zants, Ēriks Sļedevskis, Benjamin L. de Bivort, Indriķis Krams	EFFECTS OF PREDATOR PRESENCE AND 5-HT SIGNALLING ON BEHAVIOURAL LATERALIZATION AND SURVIVAL IN <i>DROSOPHILA MELANOGASTER</i>
13.45	Indriķis Krams, Sergejs Popovs, Ronalds Krams, Krišts Zants, Māris Munkevics, Giedrius Trakimas, Tatjana Grigorjeva, Ēriks Sļedevskis, Tatjana Krama	WHAT IS PERSONALITY?
14.00	Iloņa Jukonienē, Zofija Sinkevičienē, Agnē Bagušinskaitē	THE HISTORICAL AND CURRENT DIVERSITY OF HABITATS AND PLANT SPECIES IN THREE DIFFERENTLY MANAGED MIRES (LITHUANIA)

**DARBA GRUPA / WORKGROUP:
EKONOMIKA, SOCIOLOĢIJA UN TIESĪBU ZINĀTNE / ECONOMICS, SOCIOLOGY AND
LAW**

**Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023
Attālināti un Parādes ielā 1, 115. aud. / Remotely and Parādes Street 1, Room 115
Plkst. 10.00 – 13.15**

Moderatore / Chair
Dr. oec. LUDMILA ALEKSEJEVA

10.00	<i>Iloņa Polents</i>	SOCIAL, CULTURAL AND PSYCHOLOGICAL PROBLEMS IN THE EMPLOYMENT OF UKRAINIAN REFUGEES IN THE CZECH REPUBLIC
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10.15	<i>Georgijs Zotovs</i>	HISTORICAL GENESIS OF THE LEGAL REGULATION OF THE LAW ON WATER MANAGEMENT SERVICES AND CONSIDERATIONS DUE TO WHICH THE LEGISLATOR HAS DECIDED ON THE CHOICE TO LIMIT THE PROVIDER OF WATER MANAGEMENT SERVICES TO A CERTAIN TYPE OF LEGAL FORM AND RELATED NEGATIVE CONSEQUENCES
10.30	<i>Jade D. Solaña</i>	RESOURCE UTILIZATION EFFICIENCY OF PUBLICLY-LISTED INDUSTRIAL COMPANIES IN THE PHILIPPINES: A DATA ENVELOPMENT ANALYSIS
10.45	<i>Khatia Imerlishvili, Mariam Gelkhauri</i>	SOCIAL MOVEMENTS IN THE POST-SOVIET COUNTRY ON THE EXAMPLE OF STUDENT MOVEMENTS (THE CASE OF GEORGIA)
11.00	<i>Zaiga Vītola</i>	SUSTAINABLE EQUILIBRIUM BALANCE IN EU MEMBER STATES IN THE CONTEXT OF EUROPEAN GREEN DEAL GOALS
11.15	<i>Lika Kvinchia</i>	THE INFLUENCE OF CIVIL SOCIETY ON URBAN POLICY-MAKING IN TBILISI
11.30	<i>Vera Komarova, Jānis Balodis, Edmunds Čižo</i>	CONCEPTUAL BASIS FOR DEFINING THE DEVELOPED TRANSPORT INFRASTRUCTURE AND DEVELOPED PRODUCTION IN THE TERRITORY
11.45	<i>Līga Vindele</i>	ECONOMIC EVALUATION METHODS OF NATURAL RESOURCES
12.00	KAFIJAS PAUZE / COFFEE BREAK	
12.30	<i>Musa M. Kamara</i>	OPERATIONS OF ENTREPRENEURIAL GOVERNANCE IN THE HUMAN ECONOMY: LIBERIA CAPITAL, MONROVIA AS A CASE STUDY
12.45	<i>Anita Kovaļevska</i>	CONCEPT OF REAL ACTION (MATERIAL ACT) IN LATVIAN, AUSTRIAN AND SWISS ADMINISTRATIVE LAW
13.00	<i>Evaldas Raisteniskis, Anatolijs Krivins</i>	THE IMPACT OF CORRUPTION TO EU GREEN DEAL

**DOKTORANTU SEKCIJA / DOCTORAL STUDENTS SECTION:
VALODU UN LITERATŪRAS STUDIJAS / LANGUAGE AND LITERATURE STUDIES**

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023

Attālināti un Vienības ielā 13, 313. aud. / Remotely and Vienības Street 13, Room 313

Plkst. 9.00 - 12.40

*Moderatore / Chair
Dr. philol. MAIJA BURIMA*

9.00	<i>Andris Kazjukevičs</i>	СВОЙ И ЧУЖИЕ В ЛИТЕРАТУРЕ ИНФЛЯНТСКИХ ПОЛЯКОВ
9.20	<i>Karolīna Hrapāne</i>	ЕВРЕЙСКИЙ ТЕКСТ В РОМАНЕ Г. ФАСТА «ДОЧЬ АГРИППЫ»
9.40	<i>Līga Struka</i>	MĀTES UN BĒRNA ATTIECĪBU TĒLOJUMS DZINTRAS GEKAS ATMIŅU STĀSTU KRĀJUMĀ "MĀTES SIBĪRIJĀ"
10.00	<i>Dario Lami</i>	ТЕМА «ГОМО СОВЕТИКУС» В РОМАНЕ «GENERATION П» В. ПЕЛЕВИНА: ПОТРЕБИТЕЛЬСТВО, АНТИУТОПИЯ И ПОСТМОДЕРНИЗМ
10.20	<i>Kristīne Juškova</i>	RĪGAS REPREZENTĀCIJA JEĻENAS KATIŠONOKAS ROMĀNU TRILOĢIJĀ
10.40	<i>Aļona Dolinda</i>	«БУБЕН ВЕРХНЕГО МИРА» ЭКРАНИЗАЦИИ И ТЕКСТ: РАЗЛИЧИЯ И СХОДСТВА
11.00	<i>Tatjana Ņikiforova</i>	THE PERSONAL GOLDEN AGE OF THE AVIATOR IN VODOLAZKIN'S NOVEL "THE AVIATOR"
11.20	<i>Valerii Kremenchutskyi</i>	TERMS IN SCIENCE FICTION TEXT
11.40	<i>Sandra Zariņa</i>	PADOMJU LAIKU SKOLAS TĒLOJUMS MĀRAS ZĀLĪTES ROMĀNĀ "PARADĪZES PUTNĪ"
12.00	<i>Alla Saltikova</i>	УРАЛ МЕЖДУ ТАТАРАМИ И МОСКОВИТАМИ В РОМАНЕ А. ИВАНОВА «СЕРЦЕ ПАРМЫ»
12.20	<i>Diana Jaunmuktāne</i>	OPOZĪCIJA "DABA-CIVILIZĀCIJA" K. HAMSUNA UN G. JANOVSKA PROZĀ

DARBA GRUPA / WORKGROUP:
MENEDŽMENTS / MANAGEMENT

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023
Attālināti un Parādes ielā 1, 118. aud. / Remotely and Parādes Street 1, Room 118
Plkst. 10.00 – 13.00

Moderatore / Chair
Dr. psych. IRĒNA KOKINA

10.00	<i>Anna Russke</i>	EMPĀTIJA MĀKSLINIECISKĀS IEVIRZES IESTĀŽU VADĪBAS IZPRATNĒ. EMPĀTIJAS ATTIEKSMES ATTĪSTĪBAS VADĪBA
10.15	<i>Baiba Kokina, Dzintra Iliško</i>	DARBINIEKU LABBŪTĪBA MĀKSLINIECISKĀS IEVIRZES ORGANIZĀCIJĀS
10.30	<i>Sergejs Poļanskis</i>	MANAGEMENT AND CULTURE: DISNEYLAND PARIS CASE STUDY
10.45	<i>Zigmārs Atvars</i>	NOVELTY IN PHD GRADUATE RESEARCH (2022)
11.00	<i>Vija Eglīte</i>	PERSONĀLA VADĪBAS PILNVEIDOŠANAS IESPĒJAS PĀRMAIŅU APSTĀKĻOS X ORGANIZĀCIJĀ
11.15	<i>Olga Ļivitina, Mārīte Kravale-Pauliņa</i>	STRATEGIC LEADERSHIP OF HEADS OF EDUCATIONAL INSTITUTIONS AND ATTRACTIVENESS FACTORS OF WORK ENVIRONMENT
11.30	<i>Valdis Jukšs, Dzintra Iliško</i>	SUSTAINABLE MANAGEMENT OF THE LATVIAN BORDER GUARDS' PROFESSIONAL DEVELOPMENT
11.45	<i>Ineta Karule</i>	X MAZĀS SKOLAS PERSONĀLVADĪBAS VIRZIENI LATVIJAS IZGLĪTĪBAS REFORMAS KONTEKSTĀ
12.00	KAFIJAS PAUZE / COFFEE BREAK	
12.30	<i>Vladislavs Sardiko, Svetlana Ignatjeva, Dzintra Iliško</i>	ACTUAL AND REQUIRED SUSTAINABLE COMPETENCIES OF CUSTOMS OFFICERS
12.45	<i>Iveta Šeršņeva</i>	PROFESSIONAL BURNOUT OF STATE BORDER GUARD OFFICIALS UNDER THE INFLUENCE OF VARIOUS EXTERNAL FACTORS

DARBA GRUPA / WORKGROUP:
VIDES ZINĀTNE / ENVIRONMENTAL SCIENCE

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023
Attālināti / Remotely
Plkst. 10.00 – 13.15

Moderatore / Chair
Mg. vid. plān. IRĒNA PUČKINA

10.00	<i>Daniela Haļenko, Dāvis Gruberts</i>	HYDROLOGICAL MONITORING OF THE SURFACE AND UNDERGROUND WATERS IN THE NATURE PARK "DVIETES PALIENE" IN 2022
10.15	<i>Dāvis Gruberts, Ilmārs Luksts, Jānis Gavars</i>	RESULTS OF THE XVI LAGRANGIAN DRIFT EXPEDITION ON THE MIDDLE DAUGAVA RIVER
10.30	<i>Māris Liepiņš</i>	EVALUATION OF FISH COMMUNITIES IN ALŪKSNE RIVER BEFORE DAM REMOVAL
10.45	<i>Rimants Badins, Juris Soms, Artūrs Škute, Dāvis Gruberts</i>	INPUT DATA PREPARATION FOR SWAT+ MODELLING AT SMALL RIVER CATCHMENT: PROBLEMS AND SOLUTIONS
11.00	<i>Ivars Skudra, Dainis Lazdāns</i>	IMPACT OF POLLUTION ON WATER QUALITY IN THE DZIRNAVU POND GULBENE TOWN
11.15-11.30	TEHNISKA PAUZE / TECHNICAL BREAK	
11.30	<i>Juris Soms, Dana Medne, Dainis Lazdāns</i>	RECONSTRUCTION OF ENVIRONMENTAL CONDITIONS RELATED TO AEOLIAN ACTIVITY IN THE AUGŠDAUGAVA SPILLWAY VALLEY DURING THE LITTLE ICE AGE
11.45	<i>Juris Soms, Dana Medne</i>	CHANGES IN LAND USE AND AGRICULTURAL PRACTICE IN THE RIVER DAUGAVA VALLEY DURING MEDIEVAL TIMES INFERRED FROM GEOMORPHOLOGICAL AND GEOLOGICAL PROXIES
12.00	<i>Dana Medne, Juris Soms</i>	GRANULOMETRIC COMPOSITION OF INLAND DUNES IN THE AUGŠDAUGAVA SPILLWAY VALLEY

12.15	<i>Ineta Kruļeva</i>	THE USE OF LICHENOINDICATION IN THE ASSESSMENT OF AIR QUALITY CHANGES IN DAUGAVPILS CITY
12.30	<i>Uldis Egle, Juris Soms</i>	GIS FOR THE ASSESSMENT AND MAPPING OF ECOSYSTEM SERVICES PROVIDED BY URBAN FORESTED AREAS: A CASE STUDY OF DAUGAVPILS CITY
12.45	<i>Raimonds Šulmanis</i>	INTRODUCTION OF ELECTRIC CARS AND THEIR CHARGING INFRASTRUCTURE AT THE NATIONAL ARMED FORCES AVIATION BASE IN LIELVARDE
13.00		FINAL DISCUSSION

**DARBA GRUPA / WORKGROUP:
VESELĪBAS APRŪPES ZINĀTNE III / HEALTH CARE SCIENCE III**

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023

Attālināti / Remotely

Plkst. 10.00 - 12.45

Moderatore / Chair

Dr. biol. LĪGA ANTOŅEVIČA

10.00	<i>Tsira Tolordava, Alinta Hegmane</i>	PREVALENCE AND PROGNOSTIC SIGNIFICANCE OF SOMATIC BRCA AND TP53 MUTATIONS IN PATIENTS WITH OVARIAN CANCER
10.15	<i>Ieva Jurjāne, Vladislavs Osipenko, Anna Marija Mališkina, Ivanda Franckeviča</i>	RADIOLOGICAL FINDINGS AND MORPHOLOGICAL SPECTRUM OF PAEDIATRIC BRAIN LESIONS
10.30	<i>Kintija Gritāne, Raimonds Mikiĵanskis</i>	RELAPSE RATE OF PRIMARY CNS LYMPHOMA AFTER STANDARD AND HIGH-DOSE METHOTREXATE
10.45	<i>Dēna Skadiņa, Alise Balcere, Ināra Nokalna</i>	ROLE OF SKIN'S PH IN SKIN BARRIER FUNCTION AND SKIN DISEASE. POSSIBLE IMPACT OF MICELLAR WATERS
11.00	<i>Elīna Misāne</i>	SURGICAL MANAGEMENT OF HEAD AND NECK SKIN TUMUROUS LESIONS. ANALYSIS OF 86 CLINICAL CASES
11.15	<i>Annija Holštroma, Lubova Blumberga</i>	THE ASSOCIATION BETWEEN KI-67 AS A PROGNOSTIC PARAMETER AND CLINICAL-HISTOPATHOLOGICAL CRITERIA OF BRCA POSITIVE BREAST CANCER PATIENTS
11.30	<i>Valērija Garaščenko, Mihails Timofejevs, Monta Feldmane</i>	THE EFFECT OF PATIENTS' GENDER AND AGE ON THE LOCATION, CLINICAL AND HISTOPATHOLOGICAL CHARACTERISTICS OF CUTANEOUS MELANOMA
11.45	<i>Loreta Korkunova, Zanda Maltauniece, Sigita Skrastiņa, Jelena Reste</i>	THE EFFECT OF STANDING CHAIR ON THE TEMPERATURE OF THE HAND DURING PROLONGED WORK WITH A COMPUTER MOUSE
12.00	<i>Deniss Moisejevs, Aleksandrs Talanovs, Jūlija Kovaļova</i>	THE EFFICIENCY OF AMIODARONE THERAPY IN PAROXYSMAL ATRIAL FIBRILLATION IN LATVIA
12.15	<i>Lauma Kalnkambere, Krista Belija, Valērija Garaščenko, Agris Timofejevs, Renārs Deksnis</i>	THE IMPACT OF THE COVID-19 PANDEMIC ON THE DIAGNOSIS AND SURGICAL TREATMENT OF HEAD AND NECK ONCOLOGICAL DISEASES
12.30	<i>Nataļja Maiboroda, Jānis Eglītis, Silvestrs Rubins, Aleksejs Zavorins, Milēna Jakuba- Zolotorjova</i>	THE IMPORTANCE OF HISTOPATHOLOGICAL REPORTING IN MELANOMA PATIENTS

DARBA GRUPA / WORKGROUP:
VESELĪBAS APRŪPES ZINĀTNE IV / HEALTH CARE SCIENCE IV

Piektdiena, 2023. gada 21. aprīlis / Friday, April 21, 2023

Attālināti / Remotely

Plkst. 13.30 – 16.45

Moderatore / Chair

Dr. biol. LĪGA ANTOŅEVIČA

13.30	<i>Ritvars Vereskuns, Valda Staņeviča</i>	THE PREVALENCE OF BIOLOGIC DMARDS IN TREATMENT OF PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS
13.45	<i>Arturs Gorohovs, Kārlis Griķis</i>	INVESTIGATION OF CHRONIC TOTAL OCCLUSION OF THE CORONARY ARTERIES
14.00	<i>Sintija Berjoza, Sergejs Lobanovs, Raivis Garoza, Viktors Vradijs, Jolanta Kalniņa</i>	THE USE OF VIRTUAL REALITY TECHNOLOGY IN THE DIAGNOSIS OF NEUROLOGICAL DYSFUNCTIONS IN PATIENTS WITH MULTIPLE SCLEROSIS
14.15	<i>Monta Feldmane, Valērija Garaščenko, Elza Gārša, Sergejs Isajevs, Tatjana Zablocka</i>	THE VALUE OF PATIENTS GENDER AND AGE ON CLINICAL, HISTOPATHOLOGICAL AND GENETICAL CHARACTERISTICS OF CUTANEOUS MELANOMA
14.30	<i>Tomass Ernests Ansons</i>	TREATMENT OF DIABETIC FOOT ULCERS WITH INNOVATIVE DRUG IN VASCULAR SURGEON PRACTICE
14.45	<i>Anna Jete Gauja, Mārtiņš Danefelds, Gunta Tīcmane</i>	USE OF SGLT2 INHIBITORS IN GENERAL PRACTITIONERS' EXPERIENCE
15.00	<i>Līga Krūze</i>	WOMEN'S AWARENESS OF CERVICAL CANCER IN LATVIA
15.15	<i>Elīna Konstantinova, Mihails Žuravlovs, Ilva Daugule</i>	CLINICAL CHARACTERISTICS OF PRESCHOOL CHILDREN WITH FUNCTIONAL CONSTIPATION
15.30	<i>Egija Junusova, Ruslana Tarabasa, Iveta Golubovska</i>	FACTORS INFLUENCING SINGLE USE MATERIAL DISPOSAL AND USE OF PERSONAL PROTECTIVE EQUIPMENT AMONG ANESTHESIOLOGISTS
15.45	<i>Egija Junusova, Ruslana Tarabasa, Iveta Golubovska</i>	HABITS OF MEDICAL WASTE DISPOSAL AMONG ANESTHESIOLOGISTS
16.00	<i>Anna Stašulāne</i>	HYPERHIDROSIS: LATEST DIAGNOSTIC AND THERAPY PRINCIPLES
16.15	<i>Anna Stašulāne</i>	OCCUPATIONAL EXPOSURE TO ELECTROMAGNETIC FIELD IN THE WORKPLACE
16.30	<i>Jurita Berģe, Paula Feldmane, Anita Vaģele</i>	THE AVERAGE HOSPITALIZATION DURATION OF PATIENTS IN THE UROLOGY DEPARTMENT AFTER URETEROSCOPY

Layout of Manuscripts for the collection “Proceedings of the 65th international scientific conference of Daugavpils University”

“Proceedings of the 65th international scientific conference of Daugavpils University” publishes original papers, based on the presentations at the international conference, 20–21 April, 2023. Proceedings of the scientific international conference of Daugavpils University are published electronically on www.dukonference.lv since 2010. It is not issued in paperback.

Language. All submitted articles need to be written in English (Latvian, Russian, German, Spanish, French, Polish, Lithuanian, Swedish – in the corresponding linguistic work groups of the humanities).

The rules for the paper setting:

- The article should be written in a version of *MS Word*, adapted for the *Windows* operating system (DOC/DOCX file). If non-standard font is used, please send it along with the article by e-mail.
- **Structure of the article:**
 - the full Title of the article (font size – 16; **bold**; Caps Lock);
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 - Abstract in English and Latvian – 1500 characters (font size – 10; line spacing – 1);
 - Key words (5–6) should be in abstract language (font size – 10; *italic*);
 - Text of the article. The recommended length of submissions is 12 000 – 15 000 characters (font size – 12; line spacing – 1,5; margin – 2.0 cm). It is recommended to divide the body of the text into the following chapters (humanities and social sciences): *Introduction (the Aim of the Article, Material and Methods), Discussion, Conclusions, Acknowledgement, References*. It is recommended to divide the body of the text into the following chapters (natural sciences): *Introduction, Material and Methods, Results, Discussion, Conclusions, Acknowledgement, References*.
 - Pictures, figures, charts and diagrams should be attached as jpg, gif or tif separate files, as well as must be included in the manuscripts text. Tables should comprise only vertical and horizontal lines. Tables, graphs, diagrams, charts and other illustrative materials should be presented indicating the source of the material and, if necessary, the methods applied to draw up tables, graphs, diagrams, charts (calculation, data summarizing and so on). All these materials should have a number and a heading;
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- 3) compliance with conventions for publication.

IMPROVEMENT OF QUALITATIVE RURAL LIVING ENVIRONMENT IN LATVIA IN LEADER PROGRAM FRAMES

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Abstract

Improvement of qualitative rural living environment in Latvia in LEADER program frames

Key words:

Abstract text.....

Kopsavilkums

Kvalitatīvas lauku dzīves vides uzlabošana Latvijā LEADER programmas ietvaros

Atslēgvārdi:

Kopsavilkuma teksts

Body text.....

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