**Studiju virziena “Informācijas tehnoloģija, datortehnika, elektronika, telekomunikācijas, datorvadība un datorzinātne” īstenošanā iesaistītā akadēmiskā personāla zinātniskā / lietišķā pētniecība 2017.-2023.g.**

[**Nellija Bogdanova, Dr.paed., asoc. prof.** 2](#_Toc146879977)

[**Ieva Boļakova, Mg.paed., lekt.** 3](#_Toc146879978)

[**Svetlana Ignatjeva, Dr.phys., doc.** 3](#_Toc146879979)

[**Aleksandrs Maksimovs, Mg.sc.comp., vieslekt.** 6](#_Toc146879980)

[**Olga Perevalova, Mg.sc.comp., lekt.** 6](#_Toc146879981)

[**Andrejs Radionovs, Mg.sc.comp., lekt.** 6](#_Toc146879982)

[**Kārlis Rasis, Mg.sc.comp., vieslekt.** 7](#_Toc146879983)

[**Elīna Šiškeviča, Mg.sc.comp., vieslekt.** 7](#_Toc146879984)

[**Tatjana Soldatjonoka, Mg.sc.comp., viesasist.** 7](#_Toc146879985)

[**Vija Vagale, Dr.sc.comp., doc.** 7](#_Toc146879986)

[**Andris Vagalis, Mg.sc.comp., lekt.** 9](#_Toc146879987)

[**Vilnis Vanaģelis, Mg.paed., lekt.** 10](#_Toc146879988)

[**Ludmila Aleksejeva, Dr.oec., asoc. prof.** 10](#_Toc146879989)

[**Valentīna Beinaroviča, Mg.math., lekt.** 12](#_Toc146879990)

[**Armands Gricāns, Dr.math., asoc.prof.** 12](#_Toc146879991)

[**Nikolajs Jefimovs, Dr.iur., doc.** 15](#_Toc146879992)

[**Ināra Jermačenko, Dr.math., asoc.prof.** 16](#_Toc146879993)

[**Dainis Lazdāns, Mg.vid.plān., lekt.** 18](#_Toc146879994)

[**Aleksandrs Matvejevs,** **Dr.iur., asoc. prof.** 18](#_Toc146879995)

[**Valfrīds Paškevičs, Dr.phys., prof.** 19](#_Toc146879996)

[**Valdis Mizers, Mg.phys., viesasist.** 20](#_Toc146879997)

[**Felikss Sadirbajevs, Dr.habil.math., prof.** 21](#_Toc146879998)

[**Irēna Pučkina, Mg.vid.plān., lekt.** 23](#_Toc146879999)

[**Juris Soms, Dr.geol., asoc.prof.** 24](#_Toc146880000)

[**Anita Sondore, Dr.math., asoc.prof.** 26](#_Toc146880001)

[**Igors Trofimovs, Ph.D., doc.** 28](#_Toc146880002)

[**Sergejs Poļanskis, Mg.philol., lekt.** 29](#_Toc146880003)

[**Jeļena Antoņeviča, Mg.prof.tulk., asist.** 29](#_Toc146880004)

# **Nellija Bogdanova, Dr.paed., asoc. prof.**

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 19/10/2017 – 20/10/2017; XXII Международная научно-техническая конференция "Современные средства связи", Контексто-модульный подход разработки содержания учебных курсов
2. 23/04/2018 – 27/04/2018; XIII International Staff Mobilitiy Conference, Escherization Problem
3. 20/04/2023 – 21/04/2023; The 65th International Scientific Conference of Daugavpils University, Tiling Modelling As Interdisciplinary Content For Basic and Secondary School

*Dalība projektos:*

1. 2018 – 2020; EuroCohort - The European Cohort Development Project (ECDP) Grant agreement No:H2020-777449
2. 2021 – 2022; No. ENI-LLB-1-073 “A living history: cultural and acientific synergy in the border region Zarasai (LT) - Daugavpils (LV)- Vitebsk (BY) for sustainable development”
3. 09/2021 – 05/2022; ESF projekts Nr. 8.4.1.0/16/I/001 “Nodarbināto personu profesionālās kompetencespilnveide”

*Zinātnisko izdevumu redakcijas kolēģijas vadītājs vai loceklis, recenzents:*

1. MECO 4th Mediterranean Conference on Embedded Computing; <https://ieeexplore.ieee.org/xpl/conhome/1801788/all-proceedings>
2. MECO 20211. Anisimov Andrei. Information system resources.  
   2. Pavel Lyakhov, Georgii Valuev, Maria Valueva, Dmitrii Kaplun and Aleksandr Sinitca. Single Image Super-Resolution Method Based on Bilinear Interpolation and U-Net Combination
3. MECO 20191. Zoya Dyka, Elisabeth Vogel, Ievgen Kabin, Marcin Aftowicz, Dan Klann and Peter Langendoerfer. Resilience more than the Sum of Security and Dependability: Cognition is what makes the Difference
4. MECO20181. Igors Lemberskis and Artjoms Suponenkovs. Asynchronous Logic Design Targeting LUTs
5. MECO 20171. Anna G. Troshina, Alexey N. Ivutin, Eugene V. Larkin and Vladislav V. Kotov. Petri-Markov model of interruptions
6. Zinātniskā žurnāla “Problems in Music Pedagogy” (ISSN 1691-2721) datorsalikums

*Starptautisku un Latvijas konferenču orgkomiteju priekšsēdētājs vai loceklis*

1. International Conference «Engineering Management Of Communication And Technology» (EMCTECH) 2021 Conference Program Committee participantt
2. Problems in Music Pedagogy Organizing Committee member of the 10th, 11th International Scientific Conference 2017., 2019. gg. Daugavpils, Latvia.

*Grāmatu un žurnālu datorsalikums:*

1. Davidova, J., Zavadska G. (2017). 6-8 gadus vecu bērnu balss aparāta un muzikālās dzirdes koordinācijas veidošanās apguves peocesā. DU Saule.
2. Konovalova N., Čaplinska, A. (2020). Banku zinību uzņēmējiem. DU Saule.
3. žurnāls "Problems in Music Pedagogy".

# **Ieva Boļakova, Mg.paed., lekt.**

*Dalība projektos:*

1. 02/01/2023 – 30/06/2023; Digitalizācijas iniciatīvas studiju kvalitātes pilnveidei augstskolu stratēģiskas specializācijas jomās. Amats: Eksperts studiju kursu digitalizācijas jomā; projekta Nr.8.2.3.0/22/A/005
2. 2019 – 2022; "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai". Skolēnu ZPD recenzente, komisijas locekle (ESF projekts Nr. 8.3.2.1/16/I/002)

# **Svetlana Ignatjeva, Dr.phys., doc.**

*Zinātniskās publikācijas:*

1. Lavrinenko, O., Čižo, E., Ignatjeva, S., Danileviča, A., Krukowski, K. Financial Technology (FinTech) as a Financial Development Factor in the EU Countries; Economies, 2023, 11(2), 45 ; https://doi.org/10.3390/economies11020045
2. Vagale, V., Niedrite, L., Vagalis, A., Ignatjeva, S. Improved Content Model in Personalized Adaptive ELearning System, Communications in Computer and Information Science. 2022, 1598 CCIS, pp. 93–107
3. [Badjanova, J.](https://www.scopus.com/authid/detail.uri?authorId=56097045400), [Iliško, D.](https://www.scopus.com/authid/detail.uri?authorId=37028520400), [Ignatjeva, S.](https://www.scopus.com/authid/detail.uri?authorId=37028514900), [Nesterova, M.](https://www.scopus.com/authid/detail.uri?authorId=55766358500) Dynamics of Gender-Specific Behaviors in the Digital Educational Environment; International Journal of Interactive Mobile Technologies, 2021, 15(24), pp. 155–166
4. Bruk Zh.Yu., Ignatjeva S.V., Volosnikova L.M., Semenovskikh Т.V. Cognitive Component in the Structure of Children’s Subjective Well-Being. Psikhologicheskaya nauka i obrazovanie = Psychological Science and Education, 2021. Vol. 26, no. 5, pp. 85—100. DOI: https://doi.org/10.17759/ pse.2021260507 (In Russ.).
5. Rybalkin, O.; Lavrinenko, O.; Ignatjeva, S.; Danileviča, A. 2021. Introduction of EEPSE green economy index for the analysis of regional trends, Entrepreneurship and Sustainability Issues 9(1): 415-435. Https://doi.org/10.9770/jesi.2021.9.1(26)
6. Zhanna Bruk, Svetlana Ignatjeva, Natallia Sianko, Liudmila Volosnikova Does Age Matter? Life Satisfaction and Subjective Well-Being among Children Aged 10 and 12 in Russia, Population Review, Sociological Demography Press, Volume 60, Number 1, 2021, 10.1353/prv.2021.0004
7. Vagale, V., Niedrite, L., & Ignatjeva, S. (2020). Application of the Recommended Learning Path in the Personalized Adaptive E-learning System. Baltic Journal of Modern Computing, 8(4), 618-637. (SCOPUS)
8. Čižo, E.; Lavrinenko, O.; Ignatjeva, S.; Danilevica, A.; Tvaronavičienė, M. 2020. Financial development and its impact on economic growth (the case of Latvia), Journal of Security and Sustainability Issues 10(2): 465-476. (SCOPUS)
9. Vagale, V., Niedrite, L., & Ignatjeva, S. (2020, June). The Use of the Recommended Learning Path in the Personalized Adaptive E-Learning System. In International Baltic Conference on Databases and Information Systems (pp. 280-294). Springer, Cham. (SCOPUS)
10. Vagale, V., Niedrite, L., & Ignatjeva, S. (2020). Implementation of Personalized Adaptive E-learning System. Baltic Journal of Modern Computing, 8(2), 293-310.
11. Badjanova, J., Iliško, D., Ignatjeva, S., Petrova, M., & Gorbunovs, A. (2020). Evaluation and analysis of personality traits of Latvian and Bulgarian inhabitants. Periodicals of Engineering and Natural Sciences (PEN), 8(3), 1398-1409. (SCOPUS)
12. Iliško, D., Badjanova, J., Ignatjeva, S., Zariņa, S., & Korniševa, A. (2020). Impact of personality traits of residents of Latvia on their career choice. Periodicals of Engineering and Natural Sciences (PEN), 8(3), 1410-1417. (SCOPUS)
13. Iliško, D., Badjanova, J., & Ignatjeva, S. (2020, May). TEACHERS’ENGAGEMENT WITH WORK AND THEIR PSYCHOLOGICAL WELL-BEING. In Proceedings of the International Scientific Conference. Volume V (Vol. 102, p. 110).
14. Čižo, E., E., Lavrinenko, O., & Ignatjeva, S. (2020). Analysis of the relationship between financial development and economic growth in the EU countries. Insights into Regional Development, 2(3), 645-660.
15. Čižo, E., Lavrinenko, O., & Ignatjeva, S. (2020). Determinants of financial development of the EU countries in the period 1995-2017. Insights into Regional Development.
16. Ignatjeva, S., Bruk, Z., & Semenovskikh, T. (2020). Reflective Component in the Structure of Children’s Subjective Well-Being. Child Indicators Research, 13(2), 609-634. (SCOPUS)
17. Svetlana Ignatjeva, Zhanna Bruk, Tatiana Semenovskikh. (2019). Reflective Component in the Structure of Children’s. Child Indicators Research, The official Journal of the International Society for Child Indicators. https://doi.org/10.1007/s12187-019-09693-9 (SCOPUS)
18. Lavrinenko, Olga; Ignatjeva, Svetlana; Ohotina, Alina, (2019) The role of green economy in sustainable development (case study: the EU states), ENTREPRENEURSHIP AND SUSTAINABILITY ISSUES Volume: 6 Issue: 3 Pages: 1113-1126, (WEB OF SCIENCE, SCOPUS)
19. J. Badjanova, D. Ilisko, S. Ignatjeva, Z. Bruk, K. Shetiyeva (2019) LEADERSHIP STYLE PECULIARITIES IN THE EDUCATIONAL PROCESS IN THE COMPREHENSIVE SCHOOL SETTING, INTED2019 Proceedings,pp. 9868-9875.
20. D. Ilisko, J. Badjanova, S. Ignatjeva, L. Volosnikova, Y. Gavrilova, G. Kozhasheva (2019) COMPARATIVE ANALYSES OF INCLUSIVE EDUCATION IN LATVIA, RUSSIA, AND KAZAKHSTAN, INTED2019 Proceedings, pp. 6874-6880.
21. Ohotina, A.; Lavrinenko, O.; Ignatjeva, S.; Lonska, J. (2018) Socio-economic security as a determinant of regional differences in the investment climate in the region, Journal of Security and Sustainability Issues 7(3): 427-438. https://doi.org/10.9770/jssi.2018.7.3(5), SCOPUS
22. Vagale, V., Niedrite, L., Ignatjeva, S. (2018) The architecture of the personalized adaptive e-learning system, CEUR Workshop Proceedings 2158, pp. 114-123, SCOPUS
23. Čižo, E.; Ignatjeva, S.; Lavrinenko, O. (2018). Assessment of convergence processes of financial depth indicators in states with different levels of economic development, Journal of Security and Sustainability Issues 7(3): 459-476. https://doi.org/10.9770/jssi.2018.7.3(8), SCOPUS
24. van Gejeka, Natalja; Pakrastins, Leonids; Ignatjeva, Svetlana, RESEARCH OF THE LEARNING PROCESS IN PROFESSIONAL UNIVERSITY, 2018, SOCIETY, INTEGRATION, EDUCATION: HIGHER EDUCATION Book Series: Sabiedriba Integracija Izglitiba-Society Integration Education Pages: 546-554, (WEB OF SCIENCE)
25. Chekhonin,S. Ignatjeva, N. Gibadullin, (2018) The educational potential of the father. Experience of development and testing of the fatherhood research method, INTED 2018 Proceedings (WEB OF SCIENCE)
26. Maija Ivanova, Svetlana Ignatjeva (2018) Harmonization of Organizational Culture Values and Personal Values in Public Sector, RURAL ENVIRONMENT. EDUCATION. PERSONALITY. Vol.11. ISSN 2255-808X, DOI: 10.22616/REEP.2018.044
27. Eisenberg, A., Ignatjeva, S., Iliško, D., & Rauckiene-Michaelsson, A. (2018). Adaptation of the Organizational Learning Culture (OLC) Dimension Methodology in the Israeli Local Authorities Context. Discourse and Communication for Sustainable Education, 9(1), 50-63.
28. Eisenberg, A., & Ignatjeva, S. (2018). ADAPTATION OF THE ORGANIZATIONAL CITIZENSHIP BEHAVIOR (OCB) DIMENSION METHODOLOGY IN THE ISRAELI LOCAL AUTHORITIES CONTEXT. Social Sciences Bulletin/Socialo Zinatnu Vestnesis, (26).
29. Eisenberg, A., Davidova, J., Ignatjeva, S., & Rauckiene-Michaelsson, A. (2018). ASSESSING THE INTERRELATIONS BETWEEN ORGANIZATIONAL LEARNING CULTURE AND ORGANIZATIONAL CITIZENSHIP BEHAVIOR IN THE PUBLIC SECTOR. Tiltai, 79(2), 85-98.
30. Svetlana Ignatjeva (coauthors Lyudmila Volosnikova, Galina Efimova) ASSESSMENT OF INCLUSIVE EDUCATIONal SPACE IN HIGHER EDUCATION INSTITUTION, Journal of Security and Sustainability Issues, 2017, 7 (1). Journal of Security and Sustainability Issues is indexed in 14 Databases, including SCOPUS
31. Ilisko, Dzintra; Badjanova, Jelena; Ignatjeva, Svetlana, 2017, SUSTAINABILITY AND UNSUSTAINABILITY ASPECTS OF SOCIAL ADAPTATION OF CHILDREN FROM RETURNING IMMIGRANT, 0TH INTERNATIONAL CONFERENCE OF EDUCATION, RESEARCH AND INNOVATION (ICERI2017) Book Series: ICERI Proceedings Pages: 4054-4060, (WEB OF SCIENCE)
32. S. Ignatjeva, L. Fedina, D. Iliško (2017) ATTITUDE OF PEDAGOGICAL HIGH SCHOOL STUDENTS TO IMPLEMENTATION OF INCLUSIVE EDUCATION, EDULEARN17 Proceedings
33. A. Chekhonin, S. Ignatjeva (2017) SUPPORT OF THE EDUCATIONAL POTENTIAL OF FATHERHOOD IN THE EDUCATIONAL ENVIRONMENT, EDULEARN17 Proceedings
34. D. Iliško, O. Dedels, J. Badjanova, K. Juhnevica, S. Ignatjeva (2017) TEACHING SUSTAINABLE RESOURCE GOVERNANCE IN A TRANSDISCIPLINARITY DISCOURSE: IDENTIFYING THE POTENTIAL FOR TRANSFORMATION IN HIGHER EDUCATION, EDULEARN17 Proceedings
35. D. Iliško, J. Badjanova, S. Ignatjeva (2017) SUSTAINABILITY AND UNSUSTAINABILITY ASPECTS OF SOCIAL ADAPTATION OF CHILDREN FROM RETURNING IMMIGRANT, EDULEARN17 Proceedings

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 15th International Baltic Conference on Digital Business and Intelligent Systems (DB&IS 2022) Riga, Latvija no 4.-6. jūlijam 2022.g.
2. The international scientific-practical conference "Generation of the future: experience and prospects of science and education", Taldykorgan, october 21, 2022
3. International Scientific Conference "SOCIETY, INTEGRATION, EDUCATION - SIE2021"; Online Conference
4. 15. starptautiskās zinātniskās konferences SOCIĀLĀS ZINĀTNES REĢIONĀLAJAI ATTĪSTĪBAI 2020,09.10.2020.–10.10.2020
5. DAUGAVPILS UNIVERSITY THE INSTITUTE OF HUMANITIES AND SOCIAL SCIENCES FACULTY OF SOCIAL SCIENCES
6. International scientific online forum "INCLUSION IN UNIVERSITIES: GLOBAL TRENDS AND LOCAL STRATEGIES"October 27-28, 2020, Tyumen
7. 12th International Conference on Education and New Learning Technologies (EDULEARN20) 6-7 July, 2020, Online Conference
8. 13th annual International Conference of Education, Research and Innovation (ICERI2020) 9-11 November, 2020, Online Conference
9. SOCIETY. INTEGRATION. EDUCATION 14th International Scientific Conference,May 22, 2020 – May 23, 2020, Online Conference
10. Rezekne Academy of Technologies, Latvia
11. 14th International Baltic Conference, DB&IS 2020, Databases and Information Systems, June 16–19, 2020, Tallinn, Estonia
12. 13th annual Technology, Education and Development Conference, Mar 11, 2019 - Mar 13 2019, Valencia (Virtual)
13. RURAL ENVIRONMENT. EDUCATION. PERSONALITY, Jelgava, 10-11 May 2019
14. 13th International Scientific Conference "Society. Integration Education", May 24-25, 2019, Rezekne Academy of Technologies
15. 12th International Technology, Education and Development Conference, 5-7 March, 2018, Valencia, Spain
16. Rural Environment. Education. Personality (REEP-2018), 11 th - 12 th May 2018. Jelgava: Latvia University of Life Sciences and Technologies. Faculty of Engineering. Institute of Education and Home Economics
17. International Scientific Conference on Society, Integration, Education, MAY 25-26, 2018, Rezekne Acad Technologies, Rezekne, LATVIA
18. International Baltic Conference on Databases and Information Systems Forum and Doctoral Consortium, Baltic-DB and IS Forum-DC 2018;1 July 2018 through 4 July 2018, Trakai; Lithuania
19. 11th annual International Conference of Education, Research and Innovation, 12-14 November, 2018, Seville, Spain

*Dalība projektos:*

1. 01/12/2022 – PAŠLAIK; Augstskolu digitālās kapacitātes celšana ar tiešsaistes mācību resursu un analītikas viedu integrāciju; Eksperts. ESF projekts Nr. 8.2.3.0/22/A/003 "Augstskolu digitālās kapacitātes celšana ar tiešsaistes mācību resursu un analītikas viedu integrāciju", Coursera un EdX kursu adaptācija, oriģinālkursu izstrāde un konsultācijas
2. 02/2021 – 10/2021; Zaļās ekonomikas attīstības līmeņa salīdzinošā analīze Latvijā un Lietuvā no 2000. līdz 2020.gadam; DU projekts No 14-95/2021/14, vadītāja O.Lavriņenko
3. 2018 – 2019; Nodarbināto personu profesionālās kompetences pilveide; Eiropas Sociālā fonda projekta Nr. 8.4.1.0/16/I/001

*Eksperta darbība:*

1. Latvijas zinātnes padomes eksperts: Zinātnes nozare: Dabaszinātnes-Datorzinātnes un informātika
2. Latvijas zinātnes padomes eksperts: Zinātnes nozare: Sociālās zinātnes - Izglītības zinātnes
3. Latvijas zinātnes padomes eksperts: Sociālās zinātnes - Psiholoģija
4. Latvijas zinātnes padomes eksperts: Sociālās zinātnes - Ekonomika un uzņēmējdarbība

# **Aleksandrs Maksimovs, Mg.sc.comp., vieslekt.**

# **Olga Perevalova, Mg.sc.comp., lekt.**

*Dalība projektos:*

1. 2022; Lektore.ES fondu projektā Nr. 8.4.1.0/16/I/001 “Nodarbināto personu profesionālās kompetences pilnveide” Kursa "Ievads programmēšanā" pasniegšana (160 st)
2. 2017 – 2022; Skolēnu ZPD recenzēšana (ESF projekts Nr. 8.3.2.1/16/I/002 "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamotalantu attīstībai")

# **Andrejs Radionovs, Mg.sc.comp., lekt.**

*Zinātniskās publikācijas:*

1. [Radionovs, A.](https://www.scopus.com/authid/detail.uri?authorId=57189342355), [Uzhga-Rebrov, O.](https://www.scopus.com/authid/detail.uri?authorId=6508334906), Comparison of different fuzzy AHP methodologies in risk assessment, Vide. Tehnologija. Resursi - Environment, Technology, Resources, 2017, 2, pp. 137–142, DOI: https://doi.org/10.17770/etr2017vol2.2521

*Dalība projektos:*

1. 2022; ES fondu darbības programmas "Izaugsme un nodarbinātība" 8.4.1. "Pilnveidotnodarbināto personu profesionālo kompetenci" Eiropas Sociālā fonda projekta Nr. 8.4.1.0/16/I.001 "Nodarbināto personu profesionālās kompetences pilveide"
2. 2021 – 2022; Eiropas Sociālais fonda projekts Nr. 8.3.2.1/16/I/002 "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai"
3. 2020; Eiropas Reģionālās attīstības fonda projekts Nr. 1.1.1.5/20/A/002 “Eiropas zinātnieku nakts Latvijā 2020”
4. 2018 – 2019; Eiropas Sociālais fonda projekts "Nodarbināto personu profesionālās kompetences pilnveide" Nr.8.4.1.0/16/I/001
5. 03/04/2017 – 02/04/2019; INTERREG Latvijas-Lietuvas projekts “Sadarbības tīkls darbaspēka mobilitātes un 21. gds. (inženierzinātņu) modernizētu prasmju attīstībai”, Projekts Nr.: LLI-075 Šauļu Universitāte, partneris Daugavpils Universitāte (CONUS)

# **Kārlis Rasis, Mg.sc.comp., vieslekt.**

# **Elīna Šiškeviča, Mg.sc.comp., vieslekt.**

# **Tatjana Soldatjonoka, Mg.sc.comp., viesasist.**

# **Vija Vagale, Dr.sc.comp., doc.**

*Zinātniskās publikācijas:*

1. Vagale, V., Niedrite, L., Vagalis, A. and Ignatjeva, S., (2022). Improved Content Model in Personalized Adaptive E-Learning System. In International Baltic Conference on Digital Business and Intelligent Systems M. Ivanovic et al. (Eds.): Baltic DB&IS 2022, CCIS 1598, pp. 93–107, Springer, Cham.2022. https://doi.org/10.1007/978-3-031-09850-5\_7 (SCOPUS)
2. Daugulis, P., Vagale, V., Mancini, E., & Castiglione, F. (2022). A PCA-based Data Prediction Method. Baltic Journal of Modern Computing, 10(1), 1-16. DOI:10.22364/bjmc.2022.10.1.01 (SCOPUS)
3. Vagale V., Niedrite L., Ignatjeva S. (2020). Application of the Recommended Learning Path in the Personalized Adaptive E-learning System. Baltic Journal of Modern Computing. Vol. 8, Issue 4, p. 618-637, ISSN 2255-8950. (SCOPUS, Web of Science). <https://www.bjmc.lu.lv/fileadmin/user_upload/lu_portal/projekti/bjmc/Contents/8_4_10_Vagale2.pdf>
4. Vagale V., Niedrite L., Ignatjeva S. (2020). The use of the recommended learning path in the personalized adaptive e-learning system. Communications in Computer and Information Science, 1243 CCIS, pp. 280-294. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089722548&doi=10.1007%2f978-3-030-57672-1\_21&partnerID=40&md5=34e886ef0882ea1eb16911af41e2bd35, DOI: 10.1007/978-3-030-57672-1\_21 (SCOPUS)
5. Vagale V., Niedrite L., Ignatjeva S. (2020). Implementation of Personalized Adaptive E-leaming System. Baltic Journal of Modern Computing. Vol. 8, Issue 2, p. 293-310., ISSN 2255-8950, URL: https://www.bjmc.lu.lv/fileadmin/user\_upload/lu\_portal/projekti/bjmc/Contents/8\_2\_06\_Vagale.pdf . (Web ofScience, SCOPUS)
6. Daugulis, P., Krastiņa, E., Sondore, A., & Vagale, V. (2020). Skaitlisko datu izkārtošanas daudzveidība dziļākai matemātikas izpratnei. In Proceedings of the International Scientific Conference " SOCIETY.INTEGRATION. EDUCATION.". Volume I, 107-118p. ISSN: 2256-0629. <http://journals.ru.lv/index.php/SIE/article/view/5081/4449>
7. Vagale V., Niedrite L., Ignatjeva S. (2018). The Architecture of the Personalized Adaptive E-Learning System. Baltic DB&IS 2018 Conference Forum and Doctoral Consortium co-located with the 13th International Baltic Conference on Databases and Information Systems (Baltic DB&IS 2018); Trakai, Lithuania: Eds.: Audrone Lupeikiene, Raimundas Matulevičius, Olegas Vasilecas (CEUR Workshop Proceedings) July 1-4, 2018. Vol. 2158, p.114-123, URL: [http://ceur-ws.org/Vol-2158/paper12.pdf ISSN 1613-0073](http://ceur-ws.org/Vol-2158/paper12.pdf%20ISSN%201613-0073). (SCOPUS)
8. Vagale V. (2018). Uz lietotāja modeli balstīta personalizēta adaptīva e-studiju sistēma. Promocijas darbs.Latvijas Universitāte, eds. M. Vītiņš, A. Kapenieks, V. Dagiene, promocijas darbs, lpp. 241. <http://dspace.lu.lv/dspace/bitstream/handle/7/38347/298-62965-Vagale_Vija_vv11067.pdf?sequence=1>

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 15th International Baltic Conference on Digital Business and Intelligent Systems (DB&IS 2022) July 4-6, 2022, Riga, Latvia.
2. 14th International Baltic Conference on Databases and Information Systems (DB&IS 2020), June 16-19, 2020, Tallinn, Estonia.
3. SOCIETY. INTEGRATION. EDUCATION, International Scientific Conference, May 24-25, 2020, Rezekne Academy of Technologies, Rezekne, Latvia.
4. 13th International Baltic Conference on Databases and Information Systems (DB&IS 2018) July 1-4, 2018, Trakai, Lithuania.

*Dalība projektos:*

1. 01/04/2020 – PAŠLAIK; ERA-NET projekts "Modelling Approaches to Guide Intelligent Surveillance for the Sustainable Introduction of Novel Antibiotics" MAGIcIAN (JPIAMR2019-075, līg.Nr. ES RTD/2020/04), Projekta izpildītājs
2. 01/03/2014 – PAŠLAIK; ESF projekts Nr. 8.3.2.1/16/I/002 "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai", Skolēnu zinātniski pētniecisko darbu recenzēšana
3. 15/08/2022 – 15/10/2022; Latvijas – Lietuvas pārrobežu sadarbības programmas 2014. – 2020.gadam projekts LLI-542 "IT programmēšanas un robotikas kompetenču attīstīšana pārrobežu reģiona skolās Latgalē, Visaginā un Ignalinā" (RoboNet); Skolotāju apmācība. Kurss: "Programmēšanas pamati", 32 ak.st.
4. 01/09/2021 – 01/02/2022; ERASMUS+ mobilitātes projekts augstākās izglītības studentiem un personālam, 2020-1-LV01-KA103-077149; Ārzemju studenta (Turcija) mācīšana. Kursi: "Algoritmi un datu struktūras II", 3ECTS; "Datu bāzes I", 3 ECTS; "Projektu vadīšana", 3ECTS.
5. 01/03/2021 – 15/06/2021; ESF projekts Nr.8.2.2.0/18/A/022 “Daugavpils Universitātes stratēģiskās specializācijas jomu akadēmiskā personāla profesionālās kompetences stiprināšana"
6. 01/04/2020 – 30/04/2020; ESF projekts Nr.8.2.1.0/18/A/019 “Studiju programmu fragmentācijas samazināšana un resursu koplietošanas stiprināšana Daugavpils Universitātē” Kursu vadīšana

*Eksperta darbība:*

1. Latvijas zinātnes padomes eksperts: Zinātnes nozare: Dabaszinātnes-Datorzinātnes un informātika
2. Promocijas darbs "Uz lietotāja modeli balstīta personalizēta adaptīva e-studiju sistēma, Vadītāja Dr.sc.comp. L. Niedrīte, 2018, Latvijas Universitāte, Datorikas fakultāte

# **Andris Vagalis, Mg.sc.comp., lekt.**

*Zinātniskās publikācijas:*

1. Improved Content Model in Personalized Adaptive E-Learning System – 2022, International Baltic Conference on Digital Business and Intelligent Systems M. Ivanovic et al. (Eds.): Baltic DB&IS 2022, CCIS 1598, pp. 93–107, Springer, Cham
2. A.Vagalis., A. Radionovs, V. Skačkovas. "Ievads CNC darbgaldos" – 2017  
   Projekts Nr.:LII-075 "Sadarbības tīkls darbaspēka mobilitātes un 21. gds. (inženierzinātņu) modernizētu prasmju attīstībai" CONUS

*Dalība projektos:*

1. 01/12/2022 – PAŠLAIK; Augstskolu digitālās kapacitātes celšana ar tiešsaistes mācību resursu un analītikas viedu integrāciju Eksperts. ESF projekts Nr. 8.2.3.0/22/A/003 "Augstskolu digitālās kapacitātes celšana ar tiešsaistes mācību resursu un analītikas viedu integrāciju", Coursera un EdX kursu adaptācija, oriģīnālkursu izstrāde un konsultācijas
2. 01/09/2022 – PAŠLAIK; Eiropas Savienības fonda projekts Nr.8.3.1.1/16/I/002 “Kompetenču pieeja mācību saturā” Eksperts. Mācību materiālu digitalizācija. Kompetenču pieejā balstīta vispārējās izglītības satura aprobācija un ieviešana, „Attīstīt kompetenču pieejā balstītu vispārējās izglītības saturu”
3. 15/08/2022 – 15/10/2022; Projekts "Robonet" LLI-542 “IT programmēšanas un robotikas kompetenču attīstīšana pārrobežu reģiona skolās Latgalē, Visaginā un Ignalinā” Mācību programmas autors, tehniskais eksperts un lektors. Latvijas – Lietuvas pārrobežu sadarbības programmas 2014. – 2020.gadam projekts LLI-542 “IT programmēšanas un robotikas kompetenču attīstīšana pārrobežu reģiona skolās Latgalē, Visaginā un Ignalinā” (akronīms: RoboNet)
4. 2021 – 12/2022; “Inovāciju centra izveidošana Daugavpilī”, Proj.nr. NFI/IC/VIAA/2020/4, Līguma Nr. Nr.9.-20.2.2.1/4 ietvaros Lektors. “Neformālā tālākizglītības programma kompetencēs balstītā pieejā STEM jomas speciālistiem”
5. ESF projekts Nr. 8.3.2.1/16/I/002 "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai" Sekcijas vadītājs un recenzents. Skolēnu ZPD recenzēšana un sekcijas vadība reģionālajā ZPD atlasē
6. 12/2021 – 02/2022; A living history: cultural and scientific synergy in the border region Zarasai (LT) - Daugavpils (LV) - Vitebsk (BY) for sustainable development ENI-LLB-1-073 Mācību programmas autors un lektors. Apmācība par IKT tehnoloģiju pielietošanu muzeju darbinieku darbā
7. 01/10/2020 – 31/01/2021; Latvijas Universitātes inivatīvas, pētniecībā balstītas studiju virziena “ Izglītība, pedagoģija un sports” studiju programmas līg Nr. 8.2.1.0/18/I/004 Eksperts. Latvijas Universitāte, darba grupas vadītāja Māra Urdziņa Deruma
8. 2020 – 2020; 2. līmeņa profesionālās augstākās izglītības studiju programmā “Skolotājs” 2020./2021. studiju gadā ESF projekta Nr. 8.2.1.0/18/I/005 Lektors un eksperts. Nodibinājums “Iespējamā misija”
9. 04/10/2019 – 15/06/2020; ESF projekts “Atbalsts izglītojamo individuālo kompetenču attīstībai” (projekts Nr. 8.3.2.2/16/I/001) Pedagogs. Aknīstes vidusskola, dir. Aija Voitišķe, inf. skol. Līga Mažeika
10. 08/10/2018 – 14/06/2019; Latvijas Universitātes inivatīvas, pētniecībā balstītas studiju virziena “ Izglītība, pedagoģija un sports” studiju programmas līg Nr. 8.2.1.0/18/I/004 Eksperts. Latvijas Universitāte, darba grupas vadītāja Māra Urdziņa Deruma
11. 03/04/2017 – 02/04/2019; CONUS “Sadarbības tīkls darbaspēka mobilitātes un 21. gds. (inženierzinātņu) modernizētu prasmju attīstībai” Projekts Nr.: LLI-075 Eksperts, Lektors. Šauļu Universitāte, partneris Daugavpils Universitāte
12. 01/03/2017 – 15/09/2018; "Kompetenču pieeja mācību saturā" (ESF projekts Nr.8.3.1.1/16/I/002) Eksperts darba grupā “Datorika”. LU Starpnozaru izglītības inovāciju centrs
13. 04/2017 – 08/2018; B programmas skolotājiem " Datorikas (informātikas) mācīšana vispārējās pamatizglītības pakāpē" Programmas autors, lektors. Daugavpils universitāte. Skolotāju kvalifikācijas pilnveides apmācības.

# **Vilnis Vanaģelis, Mg.paed., lekt.**

# **Ludmila Aleksejeva, Dr.oec., asoc. prof.**

*Zinātniskās publikācijas:*

Kopumā vairāk nekā 50. Nozimīgākas:

1. [Ignatans, D.](https://www.scopus.com/authid/detail.uri?authorId=57006686700), [Aleksejeva, L.](https://www.scopus.com/authid/detail.uri?authorId=57193708772), [Pease, K.](https://www.scopus.com/authid/detail.uri?authorId=7003537030) [Crime prevention research: How can it be shared across language barriers?](https://www.scopus.com/record/display.uri?eid=2-s2.0-85148219716&origin=resultslist&sort=plf-f) Crime Prevention and Community Safety, 2023
2. Multi-Annual Financial Framework Investments of The European Union in the Context of Green Goals – 2021, Vitola, Z., Aleksejeva, L., Ostrovska, I. (2021) Multi-Annual Financial Framework Investments of The European Union in the Context of Green Goals. International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2021, 21(5.1), pp. 495–504
3. [Ahrens, A.](https://www.scopus.com/authid/detail.uri?authorId=14043293800), [Zaščerinska, J.](https://www.scopus.com/authid/detail.uri?authorId=36810700400), [Lange, C.](https://www.scopus.com/authid/detail.uri?authorId=56937798300), [Aļeksejeva, L.](https://www.scopus.com/authid/detail.uri?authorId=57193708772) [A comparative analysis of processes of conceptual change for the enhancement of implementation of green energy education and training](https://www.scopus.com/record/display.uri?eid=2-s2.0-85102929005&origin=resultslist&sort=plf-f) International Journal of Information and Education Technology, 2021, 11(1), pp. 47–51
4. A comprehensive place-based approach for smart growth in cross border territories. – 2020; Aleksejeva L , Ostrovska I., M.Aleksejevs (2020) A comprehensive place-based approach for smart growth in cross border territories. ACM International Conference Proceeding Series DEFIN '20: Proceedings of the III International Scientific and Practical Conference SCOPUS https://dl.acm.org/doi/abs/ 10.1145/3388984.3390645
5. [Tepavicharova, M.](https://www.scopus.com/authid/detail.uri?authorId=57202907180), [Aleksejeva, L.](https://www.scopus.com/authid/detail.uri?authorId=57193708772), [Vazov, R.](https://www.scopus.com/authid/detail.uri?authorId=57694866600) [Interaction of Subordinate Staff Management and Factors of Economic Performance of Companies in the Bulgarian Mining and Quarrying Sector](https://www.scopus.com/record/display.uri?eid=2-s2.0-85088541089&origin=resultslist&sort=plf-f) E3S Web of Conferences, 2020, 174, 04031
6. [Aleksejeva, L.](https://www.scopus.com/authid/detail.uri?authorId=57193708772), [Aleksejevs, M.](https://www.scopus.com/authid/detail.uri?authorId=57217078819), [Ostrovska, I.](https://www.scopus.com/authid/detail.uri?authorId=57190002665) [A comprehensive place-based approach for smart growth in cross border territories](https://www.scopus.com/record/display.uri?eid=2-s2.0-85123039940&origin=resultslist&sort=plf-f) ACM International Conference Proceeding Series, 2020
7. Regional Risks and Challenges in Smart Growth in Latgale Region (Latvia). – 2018; Aleksejeva L., Šipilova V., Jermolajeva E., Ostrovska I., Oļehnovičs D. (2018) Regional Risks and Challenges in Smart Growth in Latgale Region (Latvia). Journal of security and sustainability issues ISSN 2029-7017 print/ ISSN 2029-7025 online. 2018 June, Volume 7, Number 4, pp. 727-739
8. [Šipilova, V.](https://www.scopus.com/authid/detail.uri?authorId=56403305200), [Ostrovska, I.](https://www.scopus.com/authid/detail.uri?authorId=57190002665), [Jermolajeva, E.](https://www.scopus.com/authid/detail.uri?authorId=55806725900), [Aleksejeva, L.](https://www.scopus.com/authid/detail.uri?authorId=57193708772), [Olehnovičs, D.](https://www.scopus.com/authid/detail.uri?authorId=57192674701) [Evaluation of Sustainable Development in Rural Territories in Latgale Region (Latvia) by Using the Conception of Smart Specialization](https://www.scopus.com/record/display.uri?eid=2-s2.0-85021374229&origin=resultslist&sort=plf-f), Journal of Teacher Education for Sustainability, 2017, 19(1), pp. 82–105
9. Smart Growth as a Tool for Regional Convergence: Evidence from Latgale Region of Latvia. – 2017; Jermolajeva E., Rivža B. Aleksejeva L., Šipilova V., Ostrovska I. (2017) Smart Growth as a Tool for Regional Convergence: Evidence from Latgale Region of Latvia. Journal of Scientific Papers: ECONOMICS & SOCIOLOGY Vol. 10, No 4, 2017 [SCOPUS]

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

2005 – 2022. Kopumā vairāk nekā 60.

*Dalība projektos:*

1. ESF projekta Nr. 8.2.3.0/22/A/005 “Digitalizācijas iniciatīvas studiju kvalitātes pilnveidei augstskolu stratēģiskas specializācijas jomas”
2. Daugavpils Universitātes pētniecības projekta Nr 14-95/2022/11 (Iedzīvotāju skaita un dinamikas potenciālo scenāriju izstrāde, analīze un to ietekmes uz Latgales reģiona sociāli ekonomisko attīstību izpēte)
3. Daugavpils Universitātes pētniecības projekta Nr 14-95/2021/21 “Atklājot neslēpto”. Salīdzināmās pieejas izmantošana Austrum- un Rietumeiropas sociāli ekonomiskās datu analīzē un problēmu izpēte.
4. Daugavpils Universitātes pētniecības projekta Nr 14-95/2023/16 “Iedzīvotāju skaita un struktūras ietekme uz reģiona sociāli ekonomisko attīstību: pieejas un prognozes”
5. 2020. – Studiju programmu fragmentācijas mazināšana un studiju internacionalizācijas veicināšana Rīgas Stradiņa universitātē Nr. 8.2.1.0/18/A/014 – eksperte
6. 2020. – DU iekšējais projekts Nr.14-95/10 Viedā teritoriju attīstība: inovatīvu risinājumu izpēte Latgales reģionā – vadītāja
7. 2019.– ESF projekta Nr. 8.2.1.0/18/A/019 Studiju programmu fragmentācijas samazināšana un resursu koplietošanas stiprināšana Daugavpils Universitātē – programmas direktore, darba grupas vadītāja.
8. 2018. – ESF projekta Nr. 8.2.2.0/18/A/022 Daugavpils Universitātes stratēģiskās specializācijas jomu akadēmiskā personāla profesionālās kompetences stiprināšana – virziena koordinatore.
9. 2019 DU iekšējais projekts Nr.14-95/10 “Viedās izaugsmes iespēju novērtējums Latgales novados” – vadītāja
10. 2017. –2018. Interreg Latvija – Lietuva programmas 2014. – 2020.gadam projekts: “Mentorings jauniešu uzņēmējdarbības atbalstam, BONUS LT-LV”, Nr. LT\_LV/2.1./LLI-147/2017
11. 2014.–2018. Valsts Pētījumu programmas EKOSOC-LV 5.2.3. projekts „Latvijas lauku un reģionālās attīstības procesi un iespējas zināšanu ekonomikas kontekstā”:

*Eksperta darbība:*

1. Latvijas zinātnes padomes eksperts: ekonomikā un uzņēmējdarbībā
2. Latvijas zinātnes padomes eksperts: socioloģijā un sociālajā darbā

*Darbs zinātniskajos izdevumos:*

1. Žurnālā “Access to science-business-innovation in digital economy" (Bulgaria) redakcijas kolēģijas locekle (https://journal.access-bg.org/editorial-board)
2. Žurnālā “Globalization and Business” (Gruzija), redakcijas kolēģijas locekle (http://www.eugb.ge/page.php?id=1 (ERIHplus))
3. DU SZF SPI žurnāla „Reģionālais ziņojums” redaktore
4. Starptautiskajā zinātniskajā konferencē “Science and Education In Globalization” (SCEDU) programmas komitejas locekle
5. Starptautiskajā zinātniskajā konferences “Public Management „Contemporary Problems Of Management, Defence And Security" programmas komitejas locekle
6. Gadskārtējās konferences Sociālās zinātnes reģionālajai attīstībai” rakstu krājuma redakcijas kolēģijas biedre.
7. Gadskārtējās konferences Daugavpils Universitātes starptautiskajā zinātniskajā konferencē rīcības komitejas locekle.
8. Zinātnisko rakstu krājuma „Augstākā izglītība 21. gs. sākumā” redaktore

# **Valentīna Beinaroviča, Mg.math., lekt.**

*Zinātniskās publikācijas:*

1. Sondore A., Beinaroviča V., Krastiņa E., Daugulis P. (2021). Improving methodic competence of primary school mathematics teachers on self-directed learning in Latvia). Proceedings of the International Scientific Conference "Society. Integration. Education". Volume II, May 28-29, Rezeknes Academy of Technologies, 583-593 pp. – 2021
2. Krastiņa e.,Beinarovica.V.,Sondore A.,Daugulis P.(2018). Improving methodiccompetence of mathematics teachers in Latvia: problems and solutions. Abstract. Kaunas,14.-15.pp. - 2018

*Dalība projektos:*

1. 2020 – 2022; Eksperts. SAM 8.2.1.ESF projekts "Daugavpils Universitātes studiju virziena „Izglītība, pedagoģija un sports” modernizācija Latvijas izglītības sistēmas ilgtspējīgai attīstībai"
2. 2018 – 2019; Eksperts SAM 8.2.1. ESF projektā Latvijas Universitātes inovatīvas, pētniecībā balstītas studiju virziena „Izglītība, pedagoģija un sports” studiju programma

# **Armands Gricāns, Dr.math., asoc.prof.**

*Zinātniskās publikācijas:*

1. On the maximum number of period annuli for second order conservative equations [WoS, Scopus] Mathematical Modelling and Analysis, Vol. 26, No. 4, 2021, pp. 612-630. A. Gritsans and I. Yermachenko
2. Solutions of nonlinear boundary value problem with applications to biomass thermal conversion [Scopus] Proceedings of 20th International Scientific Conference “Engineering for rural development” (May 26-28, Jelgava, Latvia), 2021, pp. 837-842. A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko
3. On the stability of a steady convective flow in a vertical layer of a chemically reacting fluid [Scopus] 9th edition of the International Conference on Computational Methods for Coupled Problems in Science and Engineering (COUPLED PROBLEMS 2021), Vol. IS34 - Multiphysics Problems, 2021, 10 pp. A. Gritsans, V. Koliskina, A. Kolyshkin, and F. Sadyrbaev
4. Asymptotically stable heteroclinic cycles in discrete-time Z(4)-equivariant cubic dynamical systems [WoS, Scopus] Journal of Difference Equations and Applications, Vol. 26, Issue 9-10, 2020, pp. 1247-1265. A. Gritsans
5. A two-point boundary value problem for third order asymptotically linear systems [WoS, Scopus] Electronic Journal of Qualitative Theory of Differential Equations, No. 28, 2019, 24 pp. A. Gritsans and F. Sadyrbaev
6. On a one-parameter discrete-time Z(4)-equivariant cubic dynamical system [WoS, Scopus] International Journal of Bifurcation and Chaos, Vol. 29, No. 4, 1950052 (2019), 15 pp. A. Gritsans
7. Dirichlet boundary value problem for a system of n second order asymptotically asymmetric differential equations [WoS, Scopus] Electronic Journal of Differential Equations, Vol. 2018 (2018), No. 35, pp. 1-16. A. Gritsans, F. Sadyrbaev, and I. Yermachenko

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 05/06/2022 – 09/06/2022; 8th European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS CONGRESS 2022) (Oslo, Norway) A. Gritsans, V. Koliskina, A. Kolyshkin, and F. Sadyrbaev, Instability of a flow of a reacting fluid in a vertical fluid layer
2. 30/05/2022 – 02/06/2022; 25th International Conference "Mathematical Modelling and Analysis" (Druskininkai, Lithuania) A. Gritsans and I. Yermachenko, Floquet multipliers of periodic solutions for a two degree of freedom Hamiltonian system; A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko, On a nonlinear boundary value problem arising in heat transfer
3. 21/04/2022 – 22/04/2022; 64th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko, Multiplicity of positive solutions for a boundary value problem arising in heat transfer
4. 25/02/2022 – 25/02/2022; 80th International Scientific Conference of the University of Latvia (Riga, Latvia) A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilika, and I. Yermachenko, The application of the Krasnosel’skii-Guo fixed point theorem to a boundary value problem arising in heat transfer
5. 13/06/2021 – 16/06/2021; 9th International Conference on Computational Methods for Coupled Problems in Science and Engineering (COUPLED PROBLEMS 2021) (Online conference) A. Gritsans, V. Koliskina, A. Kolyshkin, and F. Sadyrbaev, On the stability of a steady convective flow in a vertical layer of a chemically reacting fluid
6. 27/05/2021 – 27/05/2021; 20th International Scientific Conference Engineering for Rural Development (ERDev2021) (Jelgava, Latvia) A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko, Solutions of nonlinear boundary value problem with applications to biomass thermal conversion
7. 15/04/2021 – 16/04/2021; 63rd International Scientific Conference of Daugavpils University (Daugavpils, Latvia) A. Gritsans and I. Yermachenko, Floquet multipliers of periodic solutions of a Hamiltonian system with two degrees of freedom; A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko, On a Dirichlet problem for second order nonlinear nonautonomous ordinary differential equations
8. 26/02/2021 – 26/02/2021; 79th International Scientific Conference of the University of Latvia (Riga, Latvia) A. Gritsans, A. Kolyshkin, and F. Sadyrbaev, Stability of convective flows in the presence of nonlinear heat source; A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko, On some nonlinear boundary values problems for ordinary differential equations in heat conduction theory
9. 23/04/2020 – 24/04/2020; 62nd International Scientific Conference of Daugavpils University (Daugavpils, Latvia) I.Yermachenko and A. Gritsans, On solutions of Duffing system with two degrees of freedom
10. 28/02/2020 – 28/02/2020; 78th International Scientific Conference of the University of Latvia (Riga, Latvia) A. Gritsans and I.Yermachenko, On a vector Duffing equation
11. 15/07/2019 – 19/07/2019; 9th International Congress of Industrial and Applied Mathematics (Valencia, Spain) A. Kolyskin, A. Gritsans, and F. Sadyrbaev, Thermal instability of a flow caused by internal heat generation
12. 28/05/2019 – 31/05/2019; 24th International Conference "Mathematical modelling and Analysis" (Tallinn, Estonia) A. Gritsans and I. Yermachenko, On period annuli for the second order conservative equation; A. Gritsans and F. Sadyrbaev, On Edwards curves in differential equations
13. 11/04/2019 – 12/04/2019; 61st International Scientific Conference of Daugavpils University (Daugavpils, Latvia) I. Yermachenko, A. Gritsans, Period annuli for an equation with multiple well potential
14. 18/02/2019 – 18/02/2019; 77th International Scientific Conference of the University of Latvia (Riga, Latvia) A. Gritsans, On parametrization of the Edwards curves
15. 29/05/2018 – 01/06/2018; 23rd International Conference "Mathematical modelling and Analysis" (Sigulda, Latvia) A. Gritsans and I. Yermachenko, Periodic solutions of a class of the second order Hamiltonian systems
16. 26/04/2018 – 27/04/2018; 60th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) A. Gritsans and I. Yermachenko, One-dimensional periodic solutions of a class of the second order Hamiltonian systems
17. 13/04/2018 – 14/04/2018; 12th Latvian Mathematical Conference (Ventspils, Latvija) A. Gricāns, Par kādu divu dimensiju kubisku diskrētu dinamisko sistēmu; A. Gricāns, I. Jermačenko, Par n-dimensiju otrās kārtas Hamiltona sistēmas divdimensionāliem periodiskiem atrisinājumiem
18. 23/02/2018 – 23/02/2018; 76th International Scientific Conference of the University of Latvia (Riga, Latvia) A. Gritsans and I. Yermachenko, On a conservative asymptotically linear system
19. 30/05/2017 – 02/06/2017; 22nd International Conference "Mathematical modelling and Analysis" (Druskininkai, Lithuania) A. Gritsans, F. Sadyrbaev and I. Yermachenko, Boundary value problem for the third order asymptotically linear system; I. Yermachenko and A. Gritsans, Multiplicity results for periodic BVP to the second order asymptotically linear system
20. 06/04/2017 – 07/04/2017; 59th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) A. Gritsans and I. Yermachenko, On two-dimensional time maps; I. Yermachenko and A. Gritsans, Time-map technique for periodic problem to the second order conservative equation
21. 24/02/2017 – 24/02/2017; 75th Scientific Conference of the University of Latvia (Riga, Latvia) I. Yermachenko and A. Gritsans, Periodic boundary value problem for the second order asymptotically linear system

*Dalība projektos:*

1. 01/01/2021 – 31/12/2023: Fundamental and applied research project of the Latvian Council of Science "Analysis of complex dynamical systems in fluid mechanics and heat transfer", lzp-2020/1-0076 Galvenais izpildītājs, projekta koordinators Daugavpils Universitātē https://de.du.lv/lzp2021/en.htm

https://lzp.gov.lv/project/skidruma-mehanikas-un-siltuma-vadisanas-sarezgito-dinamisko-sistemu-analize/

1. 01/01/2021 – 31/12/2023: Fundamental and applied research project of the Latvian Council of Science "Bryophyte and lichen successional and spatial patterns in deciduous forests", lzp-2020/1-0314 Pētnieks https://lzp.gov.lv/project/sunu-un-kerpju-sukcesionalie-un-telpiskie-modeli-lapu-koku-mezos/

*Eksperta darbība:*

1. Latvijas zinātnes padomes eksperts: Zinātnes nozare: Dabaszinātnes-matemātikā

*Dalība zinātnisko žurnālu redkolēģijās:*

1. The Baltic Journal on Mathematical Applications, Numerical Analysis and Differential Equations "Mathematical Modelling and Analysis" Editorial Board Member https://journals.vgtu.lt/index.php/MMA/editorialboard

# **Nikolajs Jefimovs, Dr.iur., doc.**

*Zinātniskās publikācijas:*

1. Jefimovs N., Rimša J. Publiskās personas sabiedrības ar ierobežotu atbildību valdes pilnvarojuma termiņa reģistrācijas problemātika Latvijas Republikas Uzņēmumu reģistrā (Registration problems of the duration of authorities of members of the board of the public personís limited liability company in the Register of enterprises of Latvia). DU SZF starptautiskās zinātniskās konferences „Sociālās zinātnes reģionālajai attīstībai 2019” rakstu krājums „II.daļa Valsts un tiesību aktuālās problēmas”, Saule, 2020., 44.-54.lp., http://humanitiessocial.lv/wp-content/uploads/2020/10/SZF-krajums\_II\_Valsts-un-tiesibu-problemas\_2020.pdf;
2. Jefimovs N. Kapitālsabiedrības valdes jēdziena etimoloģijas dažādība ārvalstu tiesību doktrīnā (Diversity of etymology of the concept of the board of a company in the doctrine of foreign law). DU SZF starptautiskās zinātniskās konferences „Sociālās zinātnes reģionālajai attīstībai 2020” rakstu krājums „II.daļa Valsts un tiesību aktuālās problēmas”, Saule, 2021., 75.-78.lp., http://humanitiessocial.lv/wp-content/uploads/2021/04/SZF-krajums\_II\_Valsts-un\_makets.pdf.
3. Jefimovs N. Kapitālsabiedrības valdes jēdziena ģenēze starptautiski-tiesiskajā izpratnē (The genesis of the concept of the board of a company in the international legal doctrine). DU SZF starptautiskās zinātniskās konferences „Sociālās zinātnes reģionālajai attīstībai 2021” rakstu krājums „II.daļa Valsts un tiesību aktuālās problēmas”, Saule, 2022., 38.-47.lpp., http://humanitiessocial.lv/wp-content/uploads/2022/04/SZF-krajums\_II\_Valsts-un-tiesibu-problemas\_2022.pdf.
4. Teivāns-Treinovskis, J.; Jefimovs, N.; Velika, R.; Kriviņš, A. 2022. Conditions for application of criminal liability to the board of a company in the legal system of the Republic of Latvia, Entrepreneurship and Sustainability Issues 9(4): 45-55. https://doi.org/10.9770/jesi.2022.9.4(2)
5. [Jefimovs, N.](https://www.scopus.com/authid/detail.uri?authorId=56094818400) [Evaluations of security measures: The peculiarities of the application of mediation in the area of resolving criminal legal conflicts](https://www.scopus.com/record/display.uri?eid=2-s2.0-85055753372&origin=resultslist&sort=plf-f), Journal of Security and Sustainability Issues, 2018, 8(1), pp. 79–86
6. [Lavrinenko, O.](https://www.scopus.com/authid/detail.uri?authorId=55765666200), [Jefimovs, N.](https://www.scopus.com/authid/detail.uri?authorId=56094818400), [Teivans-Treinovskis, J.](https://www.scopus.com/authid/detail.uri?authorId=56096110000) [Issues in the area of secure development: Trust as an innovative system's economic growth factor of border regions (latvia-lithuania-belarus)](https://www.scopus.com/record/display.uri?eid=2-s2.0-85016110371&origin=resultslist&sort=plf-f) Journal of Security and Sustainability Issues, 2017, 6(3), pp. 435–444
7. [Jefimovs, N.](https://www.scopus.com/authid/detail.uri?authorId=56094818400) [Towards conflicts' settlement: Development of the meaning of mediation in the legal doctrine](https://www.scopus.com/record/display.uri?eid=2-s2.0-85021354357&origin=resultslist&sort=plf-f) Journal of Security and Sustainability Issues, 2017, 6(4), pp. 665–672

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. Daugavpils Universitātes Starptautiskā zinātniskā konference „Sociālās zinātnes reģionālajai attīstībai 2019”, uzstāšanās ar referātu „Publiskās personas sabiedrības ar ierobežotu atbildību valdes pilnvarojuma termiņa reģistrācijas problemātika Latvijas Republikas Uzņēmumu reģistrā”.
2. Daugavpils Universitātes 62. starptautiskā zinātniska konference, uzstāšanās ar referātu „Registration problems of the duration of authorities of members of the board of the public person’s limited liability company in the Register of enterprises of Latvia”.
3. Daugavpils Universitātes 63. starptautiskā zinātniska konference, uzstāšanās ar referātu „Diversity of etymology of the concept of the board of a company in the doctrine or foreign law”.
4. Daugavpils Universitātes 64. starptautiskā zinātniska konference, uzstāšanās ar referātu „System of evaluation of performing results of the management in the public persons’ companies”.

# **Ināra Jermačenko, Dr.math., asoc.prof.**

*Zinātniskās publikācijas:*

1. On the maximum number of period annuli for second order conservative equations. – 2021  
   Mathematical Modelling and Analysis, Vol. 26, N. 4, 2021, pp. 612-630. A. Gritsans and I. Yermachenko
2. Solutions of nonlinear boundary value problem with applications to biomass thermal conversion. – 2021 Proceedings of 20th International Scientific Conference “Engineering for rural development” (May 26-28, Jelgava, Latvia), 2021, pp. 837-842. A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I.Yermachenko
3. Dirichlet boundary value problem for a system of n second order asymptotically asymmetricdifferential equations . – 2018 Electron. J. Differential Equations, Vol. 2018 (2018), N. 35, pp. 1-16. A. Gritsans, F. Sadyrbaev, and I. Yermachenko https://ejde.math.txstate.edu/

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 30/05/2022 – 02/06/2022; 25th International Conference "Mathematical Modelling and Analysis" (Druskininkai, Lithuania) Floquet multipliers of periodic solutions for a two degree of freedom Hamiltonian system. (I. Yermachenko and A. Gritsans) On a nonlinear boundary value problem arising in heat transfer.(A. Gritsans, A. Kolyshkin, D. Ogorelova, F.Sadyrbaev, I. Samuilik, and I. Yermachenko)
2. 21/04/2022 – 22/04/2022; 64th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) Multiplicity of positive solutions for a boundary value problem arising in heat transfer (I. Yermachenko, A. Gritsans, A.Kolyshkin, D. Ogorelova, F. Sadyrbaev, and I. Samuilik)
3. 25/02/2022 – 25/02/2022; 80th International Scientific Conference of the University of Latvia (Riga, Latvia) The application of the Krasnosel’skii-Guo fixed point theorem to a boundary value problem arising in heat transfer (I.Yermachenko, A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, and I. Samuilik)
4. 27/05/2021 – 27/05/2021; 20th International Scientific Conference Engineering for Rural Development (ERDev2021) (Jelgava, Latvia) Solutions of nonlinear boundary value problem with applications to biomass thermal conversion. (A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko)
5. 15/04/2021 – 16/04/2021; 63rd International Scientific Conference of Daugavpils University (Daugavpils, Latvia) Floquet multipliers of periodic solutions of a Hamiltonian system with two degrees of freedom (I. Yermachenko and A. Gritsans) On a Dirichlet problem for second order nonlinear nonautonomous ordinary differential equations (A.Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko)
6. 26/02/2021 – 26/02/2021; 79th International Scientific Conference of the University of Latvia (Riga, Latvia) On a 4-dimensional conservative system (I. Yermachenko and A. Gritsans) On some nonlinear boundary values problems for ordinary differential equations in heat conduction theory (A. Gritsans, A. Kolyshkin, D. Ogorelova, F. Sadyrbaev, I. Samuilik, and I. Yermachenko)
7. 23/04/2020 – 23/04/2020; 62nd International Scientific Conference of Daugavpils University (Daugavpils, Latvia) On solutions of Duffing system with two degrees of freedom (I. Yermachenko and A. Gritsans)
8. 28/02/2020 – 28/02/2020; 78th International Scientific Conference of the University of Latvia (Riga, Latvia) On a vector Duffing equation (I. Yermachenko and A. Gritsans)
9. 28/05/2019 – 31/05/2019; 24th International Conference "Mathematical modelling and Analysis" (Tallinn, Estonia) On period annuli for the second order conservative equation (I. Yermachenko and A. Gritsans)
10. 11/04/2019 – 12/04/2019; 61st International Scientific Conference of Daugavpils University (Daugavpils, Latvia) Period annuli for an equation with multiple well potential (I. Yermachenko and A. Gritsans)
11. 18/02/2019 – 18/02/2019; 77th International Scientific Conference of the University of Latvia (Riga, Latvia) On periodic problem with multiple well potential (I. Yermachenko and A. Gritsans)
12. 29/05/2018 – 01/06/2018; 23rd International Conference "Mathematical modelling and Analysis" (Sigulda, Latvia) Periodic solutions of a class of the second order Hamiltonian systems (I. Yermachenko and A. Gritsans)
13. 26/04/2018 – 27/04/2018; 60th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) Onedimensional periodic solutions of a class of the second order Hamiltonian systems (I. Yermachenko and A.Gritsans)
14. 13/04/2018 – 14/04/2018; 12th Latvian Mathematical Conference (Ventspils, Latvija) On two-dimensional periodic solutions of ndimensional second order Hamiltonian systems (I. Yermachenko and A. Gritsans)
15. 23/02/2018 – 23/02/2018; 76th International Scientific Conference of the University of Latvia (Riga, Latvia) On a conservative asymptotically linear system (I. Yermachenko and A. Gritsans)
16. 30/05/2017 – 02/06/2017; 22nd International Conference "Mathematical modelling and Analysis" (Druskininkai, Lithuania) Multiplicity results for periodic BVP to the second order asymptotically linear system (I. Yermachenko and A.Gritsans) Boundary value problem for the third order asymptotically linear system (A. Gritsans, F. Sadyrbaev, and I.Yermachenko)
17. 06/04/2017 – 07/04/2017; 59th International Scientific Conference of Daugavpils University (Daugavpils, Latvia) Time-map technique for periodic problem to the second order conservative equation (I. Yermachenko and A. Gritsans) On two-dimensional time maps (A. Gritsans and I. Yermachenko)
18. 24/02/2017 – 24/02/2017; 75th Scientific Conference of the University of Latvia (Riga, Latvia) Periodic boundary value problem for the second order asymptotically linear system (I. Yermachenko and A. Gritsans)

*Dalība projektos:*

1. 01/2021 – PAŠLAIK; Fundamental and applied research project of the Latvian Council of Science "Analysis of complex dynamical systems in fluid mechanics and heat transfer", lzp-2020/1-0076 Vadošais pētnieks
2. 2016 – PAŠLAIK; ESF projekts "Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai" Nr.8.3.2.1/16/I/002 Skolēnu ziātnisko-pētniecisko darbu recenzents

*Dalība zinātnisko žurnālu redkolēģijās:*

1. Mathematical Modelling and Analysis; Boundary value problems; Advances in Dynamical Systems and Applications; Recenzents

# **Dainis Lazdāns, Mg.vid.plān., lekt.**

*Zinātniskās publikācijas:*

1. Ohotina, A.; Lavrinenko, O.; Gladevich, J.; Lazdans, D. 2018. The investment climate in Latvia's, Lithuania's and Belarus's cross-border regions: the subjective-objective assessment, Entrepreneurship and Sustainability Issues 6(2): 767-780.
2. Lavrinenko, O.; Ignatjeva, S.; Ohotina, A.; Rybalkin, O.; Lazdans, D. 2019. The Role of Green Economy in Sustainable Development (Case Study: The EU States), Entrepreneurship and Sustainability Issues 6 (3): 1113-1126.
3. [Osipovs, S.D.](https://www.scopus.com/authid/detail.uri?authorId=23098449000), [Pučkins, A.I.](https://www.scopus.com/authid/detail.uri?authorId=57195483474), [Mežaraupe, S.](https://www.scopus.com/authid/detail.uri?authorId=57883929700), [Lazdāns, D.](https://www.scopus.com/authid/detail.uri?authorId=57205540407) [DETERMINATION OF POLLUTANTS IN INDUSTRIAL WATER USED FOR COOLING GASES IN WASTE PYROLYSIS PROCESS](https://www.scopus.com/record/display.uri?eid=2-s2.0-85137684528&origin=resultslist&sort=plf-f), International Journal of Energy for a Clean Environment, 2022, 23(5), pp. 61–73

# Aleksandrs Matvejevs, Dr.iur., asoc. prof.

*Zinātniskās publikācijas:*

1. Concept, System and Principles of Crime Prevention. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2022., Nr.3(24). 21.-29.lpp.ISSN2256-0548 – 2022
2. Problems of Police Activity in Ensuring Public Order and Public Safety. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2021., Nr.3(23).159.-168.lpp.ISSN2256-0548 – 2021
3. Reform of the State Police Administration System. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2020., Nr.3(18). 89.-96.lpp.ISSN2256-0548 – 2020
4. Legality of Police Administrative Detention. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2020., Nr.2(17). 40.-50.lpp.ISSN2256-0548 – 2020
5. Professional Ethics and Police Investigative Activity: Is There a Compromise? Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2019., Nr.1(13).159.-168.lpp.ISSN2256-0548 – 2019
6. Administrative responsibility as one type of legal liability. Administratīvā un Kriminālā Justīcija. Baltijas Starptautiskā akadēmija un Rēzeknes Tehnoloģiju akadēmija, Nr.3/4 2019, 125.-142.lpp. ISSN1407-2971 – 2019
7. Principles of police action in police law. Administratīvā un Kriminālā Justīcija. Baltijas Starptautiskā akadēmija un Rēzeknes Tehnoloģiju akadēmija, Nr.4/2018, 84.-92.lpp. ISSN1407-2971 – 2018
8. Non-state subjects in police activities. Administratīvā un Kriminālā Justīcija. Baltijas Starptautiskā akadēmija un Rēzeknes Tehnoloģiju akadēmija, Nr.2/2018, 16.-24.lpp. ISSN1407-2971 – 2018
9. Malicious disobedience of a lawful order or demand by a police officer. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2018., Nr.1(10).9.-16.lpp.ISSN2256-0548 – 2018
10. Effective crime control is the guarantor of public security. Journal of Security and Sustainability Issues, 7 ISSN 2029-7017 print/ISSN 2029-7025 online 2018 March Volume 7 Number, 369-380. – 2018
11. Public security and preventive measures in police law. Administratīvā un Kriminālā Justīcija. Baltijas Starptautiskā akadēmija un Rēzeknes Tehnoloģiju akadēmija,, Nr.2 /2017, 4.- 9.lpp. ISSN 1407-2971 – 2017
12. Problems of Investigative Operations Regulation. Socrates: Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls. Rīga, RSU, 2017., Nr.3(9). 85.- 90.lpp.ISSN2256-0548 – 2017

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 21/04/2022 – 21/04/2022 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „ Tiesiskās sistēmas aktuālās problēmas Satversmes simtgades kontekstā.”
2. 21/04/2021 – 21/04/2021 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „ Tiesiskās sistēmas aktuālās problēmas.”
3. 25/04/2020 – 25/04/2020 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „ Tiesiskās sistēmas aktuālās problēmas.”
4. 25/04/2019 – 25/04/2019 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „ Tiesiskās sistēmas aktuālās problēmas.”
5. 25/04/2018 – 25/04/2018 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „Tiesiskās problēmas Latvijas simtgadē: retrospektīva un perspektīvas.”
6. 27/04/2018 – 27/04/2018 – Baltijas Starptautiskā akadēmija , Rīga, Lomonosova iela 4, Starptautiskā zinātniski praktiskā konference „Sabiedrība, Cilvēks, Drošība, 2018. „Noziedzība un tās prevence: tagadne un nākotne – problēmas un risinājumi.”
7. 28/04/2017 – 28/04/2017 – Baltijas Starptautiskā akadēmija , Rīga, Lomonosova iela 4, Starptautiskā zinātniski praktiskā konference „Sabiedrība, Cilvēks, Drošība, 2017. „Noziedzība un tās prevence: tagadne un nākotne – problēmas un risinājumi.”
8. 26/04/2017 – 26/04/2017 – Rīgas Stradiņa universitāte, Juridiskā fakultāte, Rīga, Dzirciema iela 16, Starptautiskā zinātniski praktiskā konference „Tiesiskās sistēmas modernizācijas virzieni: reālais stāvoklis un perspektīvas.”

*Dalība projektos:*

1. 01/09/2017 – 01/04/2018, Ieslodzījuma vietu pārvalde Eiropas Sociālā fonda projekta Nr. 9.1.3.0/16/I/001 "Resocializācijas sistēmas efektivitātes paaugstināšana"

# **Valfrīds Paškevičs, Dr.phys., prof.**

*Dalība projektos:*

1. Dalība Eiropas sociālā fonda projektā Nr.8.2.2. 0/18/A/022 "Daugavpils Universitātes stratēģiskās specializācijas jomu akadēmiskā personāla profesionālās kompetences stiprināšana".

*Dalība zinātnisko žurnālu redkolēģijās:*

1. Zinātniskā žurnāla „Journal of Baltic Science Education” redkolēģijas loceklis (ir LZP vispāratzīto starptautisko izdevumu sarakstā, tiek izdots Lietuvā)

# **Valdis Mizers, Mg.phys., viesasist.**

*Zinātniskās publikācijas:*

1. [Ogurcovs, A.](https://www.scopus.com/authid/detail.uri?authorId=55225962200), [Kadiwala, K.](https://www.scopus.com/authid/detail.uri?authorId=57544404800), [Sledevskis, E.](https://www.scopus.com/authid/detail.uri?authorId=23478852800), [Krasovska, M.](https://www.scopus.com/authid/detail.uri?authorId=57017979200), [Mizers, V.](https://www.scopus.com/authid/detail.uri?authorId=57203208234) [Glyphosate Sensor Based on Nanostructured Water-Gated CuO Field-Effect Transistor](https://www.scopus.com/record/display.uri?eid=2-s2.0-85142744147&origin=resultslist&sort=plf-f), Sensors, 2022, 22(22), 8744
2. [Gerbreders, V.](https://www.scopus.com/authid/detail.uri?authorId=16315831100), [Krasovska, M.](https://www.scopus.com/authid/detail.uri?authorId=57017979200), [Mihailova, I.](https://www.scopus.com/authid/detail.uri?authorId=57218662976), ...[Bulanovs, A.](https://www.scopus.com/authid/detail.uri?authorId=16314759300), [Mizers, V.](https://www.scopus.com/authid/detail.uri?authorId=57203208234) [Morphology Influence on Wettability and Wetting Dynamics of ZnO Nanostructure Arrays](https://www.scopus.com/record/display.uri?eid=2-s2.0-85124463870&origin=resultslist&sort=plf-f), [Latvian Journal of Physics and Technical Sciences](https://www.scopus.com/sourceid/17900156724?origin=resultslist), 2022, 59(1), pp. 30–43
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*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. V. Mizers, “ Electrochemical Hydrogen Peroxide Sensor based on Cobalt Oxide Nanostructures”, 4th Global Webinar on Applied Science, Engineering and Technology
2. V. Mizers, V. Gerbreders, M. Krasovska, I. Mihailova, E. Sledevskis, A. Bulanovs, “Co2O3 nanostructures for hydrogen peroxide electrochemical detection” Daugavpils University 64th international scientific conference
3. V. Mizers, V. Gerbreders, Ē. Sļedevskis, M. Krasovska, I.Mihailova, E. Tamanis “Electrochemical detection of H2O2 using Fenton`s reaction”, Daugavpils University 63th international scientific conference
4. V. Mizers, V. Gerbreders, Ē. Sļedevskis, M. Krasovska, I. Mihailova “Selective creation of metal and metal oxide microstructured coatings using electrodeposition method”, Daugavpils University 62th international scientific conference
5. V. Mizers, V. Ģerbreders, M. Krasovska, A. Ogurcovs, A. Bulanovs, “Glyphosate detection in plants using electrochemical methods”, Daugavpils University 61th international scientific conference
6. V. Mizers, I. Mihailova, A. Bulanovs, V. Gerbreders, M. Krasovska, “Laser induced hydrothermal growth of ZnO microstructures on thin Cr film”, Daugavpils University 60th international scientific conference

*Dalība projektos:*

1. 01.08.2021.-31.01.2023. Daugavpils University strategic scecialization academic personnel professional competence strengthening, Grant recipient, ESF 8.2.2.0/20/I/003
2. 2021. Development of an electrochemical sensor for the determination of oxidant concentrations exceeding the physiological norm of healthy cellular structure, Grant recipient, DU 14-95/2021/11
3. 2021. Development of the nanostructured metal oxide coatings and their application in optical sensing for heavy metal detection, Grant recipient, DU 14-95/2021/10
4. 01.03.2017.-29.02.2020. ERAF “Development of an analytical molecular identification device for the detection of biomolecules based on metal oxide nanostructures”, Laboratory assistant, DU Nr.1.1.1.1/16/A/001
5. 01.04.2019.-20.12.2019. Determination of the presence of glyphosate residues in cereals by the electrochemical analysis method, Grant recipient, DU 14-89/7

# **Felikss Sadirbajevs, Dr.habil.math., prof.**

*Zinātniskās publikācijas:*

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2. On a dynamical model of genetic networks. Samuilik, I., Sadyrbaev, F., WSEAS Transactions on Business and Economics, 2023, 20, pp. 104–112
3. On a three-dimensional neural network model. Ogorelova, D., Sadyrbaev, F., Vibroen-gineering Procedia, 2022, 47, pp. 69–73.
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2. F. Sadyrbaev. Remarks on modelling neuronal networks (virtually). *ICNAAM (INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS), 19-25 September 2022, Heraklion, Crete, Greece*
3. F. Sadyrbaev. Oscillations in dynamical models of genetic networks (Plenary lecture, Online). The International Conference: Dynamical Systems, Modeling, and Mathematical Sciences. Dubai/UAE, September 23-25, 2022. https://dynamicalsystemsandmodeling.wordpress.com/
4. F. Sadyrbaev. Creating periodic attractors for dynamical systems modelling genetic networks. International Conference „Computational and Mathematical Methods in Science and Engineering,” Costa Ballena, Cadiz, Spain, July 3 – 8, 2022.
5. F. Sadyrbaev. "From Duffing equation to bio-oscillations". The International Conference „Conference on Mathematical Analysis and Applications in Science and Engineering” ISEP - Instituto Superior de Engenharia do Porto (ipp.pt), Porto, Portugal, June 27-29, 2022.
6. I. Samuilik, F. Sadyrbaev. Mathematical modelling of evolution of multidimensional networks. Proceedings book. 2. International congress on mathematics and geometry, May 20, 2021, Ankara, Turkey. – 170-175.
7. F. Sadyrbaev, V. Sengileyev, A. Silvans. Attractors in a three-dimensional genetic network. Proceedings book of 4th international health sciences and innovation congress July 5-6, 2021, Baku/Azerbaijan -379-385.
8. F. Sadyrbaev, S. Atslega and E. Brokan. On controllability of gene regulatory networks. 9th Internat. Congress Industr. Appl. Mathematics (ICIAM), Valencia, Spain, July 15-19, 2019.
9. F. Sadyrbaev, S. Atslega and E. Brokan. Dynamical models of interrelation in a class of artificial networks (Invited lecture). International Conference on Differential & Difference Equations and Applications 2019, (ICDDEA), Lisbon, Portugal, July 1-5, 2019.
10. F. Sadyrbaev, S. Atslega and E. Brokan. Attraction in gene regulatory systems. Short communication, Intern. Congress Mathematicians 2018 (ICM 2018), Rio de Janeiro, 1–9 August 2018.
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*Dalība projektos:*

1. LZP projekta (01.01.2021.-31.12.2023.) "Šķidruma mehānikas un siltuma vadīšanas sarežģīto dinamisko sistēmu analīze" lzp-2020/1-0076 dalībnieks.

*Eksperta darbība:*

1. Latvijas Zinātnes Padomes ‘Dabaszinātņu un matemātikas’ Ekspertu komisijas locekļis
2. Latvijas Zinātnes Padomes eksperts ‘Matemātika’

# **Irēna Pučkina, Mg.vid.plān., lekt.**

*Zinātniskās publikācijas:*

1. 2017; Rutkovska S., Pučkina I., Frolova O., 2017. Inventory of the most invasive alien plant species of Latvia in the “Daugavas loki” Nature park. Environment. Technology. Resources, (2017), Volume I, 246-252
2. 2017; Kiss T., Cank C.B., Orbán‑Gyapai O., Liktor‑Busa E., Zomborszki Z.P., Rutkovska S., Pučka I., Németh A., Csupor D. (2017). Phytochemical and pharmacological investigation of Spiraea chamaedryfolia: a contribution to the chemotaxonomy of Spiraea genus. BMC Research Notes, 10, pp. 762 ISSN: 1756-0500

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. [ 21/04/2022 ] Daugavpils Universitātes 64. starptautiskās zinātniskā konference Publicētas tēzes:Mihejevs V., Pučkina I., 2022. Assessment of anthropogenic impact in four specially protected nature territories in Augšdaugava municipality. Daugavpils Universitātes 64. starptautiskās zinātniskās konferences tēzes, 40.lpp. Saite: https://dukonference.lv/files/Tezes\_64.konf.\_labotas.pdf
2. [ 15/04/2021 ] Daugavpils Universitātes 63. starptautiskās zinātniskā konference Publicētas tēzes: Arina Vencele, Irēna Pučkina, 2021. Ecosystem services and human wellbeing: a case study in Daugavpils city and municipality. Daugavpils Universitātes 63. starptautiskās zinātniskās konferences tēzes, 51.lpp.
3. Kaspars Jonāns, Irēna Pučkina, 2021. Post fire tree damage degree assesing after forest fire in nature reserve “Stiklu purvi”.Daugavpils Universitātes 63. starptautiskās zinātniskās konferences tēzes, 55.lpp. Saite: https://dukonference.lv/files/2021\_978-9984-14-942-4\_DU 63 starpt zinatn konftezes.pdf
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7. Pudāne A., Pučkina I., 2017. Assessment of southern Latgale intermunicipal waste management organization’s waste management system during the time period from 2008 till 2016. Daugavpils Universitātes 59. starptautiskās zinātniskās konferences tēzes, 120-121.lpp.
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# **Juris Soms, Dr.geol., asoc.prof.**

*Zinātniskās publikācijas:*

Kopējais zinātnisko publikāciju skaits: 54; kopš 2017.g. - 11

Datu bāzēs iekļauto publikāciju skaits: 19 (Scopus), 7 (WoS Core Collection)

1. Valainis, U., Balalaikins, M., Soms, J., Bastytė-Cseh, D., Gintaras, A., Banelienė, A., Augutis, D., Žukovskienė, M., Nitcis, M., Zolovs, M., 2021. Ecological network for species dependent on ancient broadleaf trees using Osmoderma barnabita as a model species: a new approach. Insect Conservation and Diversity, 15 (2): 273-287.– 2022
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*Dalība projektos:*

1. 2019 – 2025; Horizon 2020. "OPtimal strategies to retAIN and re-use water and nutrients in small agricultural catchments across different soil-climatic regions in Europe (OPTAIN) No 862756" https://cordis.europa.eu/project/id/862756 Pētnieks
2. 2019 – 2023; EU ENI East Twinning project “Supporting inter-sectoral collaboration possibilities between Research and Industry GE 18 ENI OT 02 19” Environment Agency Austria (EEA) (Umweltbundesamt GmbH) in cooperation with Joanneum Research (JR), Austria, Austrian Science Fund (FWF), Austria, Austria Research Promotion Agency (FFG), Austria German Aerospace Center (DLR) Project Management Agency, Germany, and Daugavpils University (DU), Latvia. Junior partner leader
3. 2019 – 2023; Gaujas nacionālā parka dabas aizsardzības plāna no 2023. gada līdz 2035. gadam izstrāde hidroloģijas eksperts
4. 2021 – 2022; Dabas lieguma “TOSMARE” dabas aizsardzības plāna no 2023. gada līdz 2034. gadam izstrāde hidroloģijas un ģeoloģijas eksperts
5. 2019 – 2022; Interreg Latvia-Lithuania project "Joint Management of Urban Wetland Areas in border region Latvia-Lithuania (Urb-Area)" LLI-472. hidroloģijas eksperts, Project ERDF Financing: 358 517.98 EUR
6. 2018 – 2020; Dabas lieguma “VENTAS UN ŠĶERVEĻA IELEJA” dabas aizsardzības plāna no 2020. gada līdz 2031.gadam izstrāde plāna izstrādes vadītajā asistents, ģeoloģijas speciālists
7. 2018 – 2020; Dabas parka “RIEŽUPE” dabas aizsardzības plāna no 2020. gada līdz 2031. gadam izstrāde plāna izstrādes vadītajā asistents, ģeoloģijas speciālists
8. 2018 – 2020; Dabas parka “NUMERNES VALNIS” dabas aizsardzības plāna no 2020. gada līdz 2031. gadam izstrāde ģeoloģijas eksperts
9. 2017 – 2019; Dabas lieguma “SUPES PURVS” dabas aizsardzības plāna no 2019. gada līdz 2031. gadam izstrāde hidroloģijas un ģeoloģijas eksperts
10. 2017 – 2019; Aizsargājamo ainavu apvidus “NĪCGALES MEŽI” dabas aizsardzības plāna no 2019. gada līdz 2031.gadam izstrāde hidroloģijas un ģeoloģijas eksperts
11. 2014 – 2017; Dabas lieguma „JAŠAS-BICĀNU EZERS” dabas aizsardzības plāna no 2017. gada līdz 2027. gadam izstrāde hidroloģijas un ģeoloģijas eksperts
12. 2014 – 2017; Dabas lieguma „LIELAIS PELEČĀRES PURVS” dabas aizsardzības plāna no 2017. gada līdz 2027. gadam izstrāde hidroloģijas un ģeoloģijas eksperts
13. 2014 – 2017; Dabas lieguma „RUŠONU EZERA SALAS” dabas aizsardzības plāna no 2017. gada līdz 2027. gadam izstrāde hidroloģijas un ģeoloģijas eksperts

*Eksperta darbība:*

1. Latvijas Zinātnes Padomes eksperts: Dabaszinātnes-Zemes zinātnes, fiziskā ģeogrāfija un vides zinātnes

# **Anita Sondore, Dr.math., asoc.prof.**

*Zinātniskās publikācijas:*

1. Sondore A., Daugulis P. (2022). Parameters in formulations and solutions of introductory probability problems. Proceedings of the International Scientific Conference "Society. Integration. Education". Volume I, May 27, Rezeknes Academy of Technologies, 261-271 pp.– 2022
2. Sondore A., Beinaroviča V., Krastiņa E., Daugulis P. (2021). Improving methodic competence of primary school mathematics teachers on self-directed learning in Latvia). Proceedings of the International Scientific Conference "Society. Integration. Education". Volume II, May 28-29, Rezeknes Academy of Technologies, 583-593 pp. – 2021
3. Daugulis P., Sondore A. (2021). Linear Functional Graphs-a Data Arrangement and Visualization Tool for Linear Algebra. Proceedings of the 14th International Scientific Conference „Rural environment. Education. Personality”. Volume 14, May 7-8, Latvia University of Life Sciences and Technologies, Jelgava, 66-73 pp.– 2021 https://llufb.llu.lv/conference/REEP/2021/Latvia\_REEP\_2021\_proceedings\_No14\_online-66-73.pdf
4. Daugulis P., Krastiņa E., Sondore A., Vagale V. (2020). Variety of Arrangements of Numerical Data for a Deeper Understanding of Mathematics. Proceedings of the International Scientific Conference "Society. Integration. Education". Volume I, May 22-23, Rezeknes Academy of Technologies, 107-118 pp.– 2020
5. Krastiņa E., Sondore A., Drelinga E. (2019). Analysis of methodological approaches to problem solving skill in maths textbooks for grades 5-6. Proceedings of the International Scientific Conference "Society. Integration. Education". Volume II, May 24-25, Rezeknes Academy of Technologies, 255-266 pp.– 2019
6. Daugulis P., Sondore A. (2018). Visualizing Matrix Multiplication. Primus (Problems, resources and issues of mathematics undergraduate studies), Volume 28, 90-95 pp. – 2018
7. Sondore A., Krastiņa E., Daugulis P., Drelinga E. (2018). Construction of Negations in the Context of Critical Thinking for Primary School. Proceedings of the International Scientific Conference "Society. Integration. Education". Volume II, May 25-26, Rezeknes Academy of Technologies, 454-463 pp. – 2018
8. ISSN 1691-5887 Sondore A., Krastiņa E., Drelinga E., Daugulis P. (2017). Improving Mathematical Competence in Primary School to Enable Skill Transfers in New Situations. Proceedings of the International Scientific Conference "Society.Integration.Education", Volume II, 2017. Rezekne: Rezeknes Academy of Technologies, 208-218 pp.– 2017
9. ISSN 1691-5887 Daugulis P., Sondore A. (2017). Visualizing Matrix Multiplication. Primus (Problems, resources and issues of mathematics undergraduate studies), 1-6 pp. – 2017
10. Sondore A., Daugulis P. (2017). Combinatorics problems with parameters. 18th International Conference "Teaching Mathematics: Retrospective and Perspectives", Riga: University of Latvia, 51-59 pp. ISSN 2592-8198

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. 27/05/2022; 16th International Scientific Conference "Society. Integration. Education". (Rēzekne, Latvia) Sondore A., Daugulis P. Parameters in formulations and solutions of introductory probability problems.
2. 07/05/2021; 14th International Scientific Conference „Rural environment. Education. Personality” (Jelgava, Latvia) Daugulis P., Sondore A. linear functional graphs-a data arrangement and visualization tool for linear algebra
3. 22/05/2020; 14th International Scientific Conference "Society. Integration. Education" (Rēzekne, Latvia) Daugulis P., Krastiņa E., Sondore A., Vagale V. Variety of arrangements of numerical data for a deeper understanding of mathematics.
4. 24/05/2019 – 25/05/2019; 13th International Scientific Conference "Society. Integration. Education" (Rēzekne, Latvia) Sondore A., Krastiņa E., Drelinga E. Analysis of methodological approaches to problem solving skill in maths textbooks for grades 5-6.
5. 25/05/2018 – 26/05/2018; 12th International Scientific Conference "Society. Integration. Education" (Rēzekne, Latvia) Sondore A., Krastiņa E., Daugulis P., Drelinga E..Construction of Negations in the Context of Critical Thinking for Primary School
6. 25/05/2018; 19th International Conference "Teaching Mathematics: Retrospective and Perspectives" (Kaunas,Lithuania). .Krastiņa E., Beinarovica V., Sondore A., Daugulis P. Improving methodic competence of mathematics teachers in Latvia: problems and solutions.
7. 25/05/2018; 19th International Conference "Teaching Mathematics: Retrospective and Perspectives" (Kaunas, Lithuania). Sondore A., Daugulis P. Linear functional graphs- a visualization tool for linear algebra.
8. 26/05/2017 – 27/05/2017; 11th International Scientific Conference "Society. Integration. Education" (Rēzekne, Latvia) Sondore A., Krastiņa E., Drelinga E., Daugulis P. Improving mathematical competence in primary school to enable skill transfers in new situations
9. 12/05/2017 – 13/05/2017; 18th International Conference "Teaching Mathematics: Retrospective and Perspectives" (Riga, Latvia) Sondore A., Daugulis P. Combinatorics problems with parameters.

*Dalība projektos:*

1. 2018 – PAŠLAIK; Latgales reģiona izglītojamo zinātniski pētniecisko darbu vērtētāja (recenzente), projekts Nr. 8.3.2.1/16/I/002 " Nacionāla un starptautiska mēroga pasākumu īstenošana izglītojamo talantu attīstībai"
2. 23/09/2019 – 28/02/2020; Stažieris, ESF projekts Nr. 8.2.2.0/18/I/005 ,, Daugavpils Universitātes studiju virziena „Izglītība, pedagoģija un sports” akadēmiskā personāla kapacitātes stiprināšana stratēģiskās specializācijas jomās”
3. 2018 – 2019; Eksperte ESF projektā 8.2.1.0/18/I/004 "Latvijas Universitātes inovatīvas, pētniecībā balstītas studiju virziena „Izglītība, pedagoģija un sports” studiju programmas"

# **Igors Trofimovs, Ph.D., doc.**

*Zinātniskās publikācijas:*

1. Trofimovs, I. Atsevišķu mantisko noziegumu vispārējs raksturojums pārrobežu aspektā – 2018, Valsts policijas koledžas V Starptautiskās zinātniski-praktiskais materiālu krājums, Rīga: VPK, 2018. ISBN 978-9934-8717-9-5
2. Trofimovs, I. Pretdarbība izmeklēšanai kriminālistiskā kontekstā – 2019, Administratīvā un Kriminālā Justīcija, Rīga, 2019. Nr. 3/4 (88/89), 29.-46.lpp., ISSN 2592-8422
3. Trofimovs, I., Ivančiks, J., Teivāns-Treinovskis, J. Evaluations of security measures and impact of globalization on characteristics of particular property crimes – 2019, Journal of security and sustainability issues, pages 569-579, ISSN 2029-7017 print/ISSN 2029-7025 online, 2019, 8 (4): (SCOPUS database).
4. Trofimovs, I. Noziegumu, kas saistīti ar prettiesiski atsavinātu transportlīdzekļu apriti, izmeklēšana.– 2020, Mācību līdzeklis. Daugavpils: Daugavpils Universitātes Akadēmiskais apgāds „Saule”, 2020. 84 lpp. ISBN 978-9984-14-914-1
5. Trofimovs, I. Ar reliģiskiem priekšmetiem saistītu noziegumu raksturojums – 2020, Latvijas Zinātņu akadēmijas Vēstis. A daļa: Humanitārās un sociālās zinātnes, 74.sējums, 3.numurs, Rīga, 2020, 114.-132.lpp. ISSN 1407-0081.
6. Trofimovs, I., Teivāns-Treinovskis, J. Impact of globalization on the cooperation related to the investigation of transnational crimes– 2020, Journal of security and sustainability issues, pages 423-435, ISSN 2029-7017 print/ISSN 2029-7025 online, 2020, 10.2.(5): (SCOPUS database)
7. Trofimovs, I., Teivāns-Treinovskis J. Suddenness factor in criminal investigation process – 2022, Sociālo Zinātņu Vēstnesis, 2022 1 (34), pages 142-156, ISSN 1691-1881, eISSN 2592-8562, (ERIH PLUS)
8. Trofimovs, I., Teivāns-Treinovskis, J. Possibilities of Applying Forensic Methodology in Latvia and the European Union – 2022, Perspectives of Law and Public Administration, Bucharest, ROMANIA, December 2022, Volume 11, Issue 4, pages 477-490, ISSN 2601-7830, (ERIH PLUS)
9. [Trofimovs, I.](https://www.scopus.com/authid/detail.uri?authorId=57193722481), [Ivančiks, J.](https://www.scopus.com/authid/detail.uri?authorId=56719822300) [Psychological aspects of operational and investigative activities as a factor of strengthening of the national security](https://www.scopus.com/record/display.uri?eid=2-s2.0-85030624484&origin=resultslist&sort=plf-f), Journal of Security and Sustainability Issues, 2017, 7(1), pp. 55–66 (SCOPUS database)
10. [Trofimovs, I.](https://www.scopus.com/authid/detail.uri?authorId=57193722481), [Ivančiks, J.](https://www.scopus.com/authid/detail.uri?authorId=56719822300) [National security strengthening through the operational activities law](https://www.scopus.com/record/display.uri?eid=2-s2.0-85016091192&origin=resultslist&sort=plf-f), Journal of Security and Sustainability Issues, 2017, 6(3), pp. 391–400 (SCOPUS database)

# **Sergejs Poļanskis, Mg.philol., lekt.**

# **Jeļena Antoņeviča, Mg.prof.tulk., asist.**

*Zinātniskās publikācijas:*

1. The Complexity of Mother-Daugther Relationship in Alice Munro’s “Dear Life” [2021] Literatūra un kultūra: process, mijiedarbība, problēmas. Dzīves rakstība I. Zinātnisko rakstu krājums XXI. Daugavpils: Daugavpils Universitātes Akadēmiskais apgāds „Saule”, 2021, ISSN 2243–6960, Index: EBSCO 199-212 lpp.
2. The Typology of Travelogues in North American Travel Writing: Fiction vs Non-Fiction [2018] Volume 5. Science and Arts. Issue 6.2. History of Art, Fine Art, Contemporary Art, Performing and Visual Art, Cultural Studies, Literature and Poetry, Ethnology and Folklore, pp. 593-600, [ISSN 2367-5659. ISBN 978-619-7408-61-4] DOI: 10.5593/sgemsocial2018H/6.2 Izdevums indeksēts Thomson Reuters, ISI Web of Science, ELSEVIER products, SCOPUS, EBSCO, ProQuest, Google Scholar, Mendeley.

*Dalība zinātniskajās / lietišķajās konferencēs un semināros:*

1. Eco-feminist Perspective on Women and Nature in Alice Munro’s "Lives of Girls and Women" [ 21/04/2022 – 22/04/2022 ] Daugavpils Universitātes 64. Starptautiskā zinātniskā konference 2022. gada 21. aprīlī. “Doktorantu sekcija LITERATŪRZINĀTNE”
2. Female Sexuality in Alice Munro’s Short Story Collection [ 25/06/2021 – 27/06/2021 ] International Conference on Social Sciences, Humanities and Arts, Vīne, Austrija, 25.-27.06.2021. Tēma: The Problematics of Female Sexuality in Alice Munro’s Short Stories
3. The Complexity of Mother-Daughter Relationship in Alice Munro’s “Dear Life” [ 28/01/2021 – 29/01/2021 ] Daugavpils Universitātes Humanitārās fakultātes starptautiskā zinātniskā konference XXXI Zinātniskie lasījumi, Daugavpils, DU, 28.-29.01.2021. Tēma: The Complexity of Mother-Daughter Relationship in Alice Munro’s “Dear Life”
4. The Problematics of Female Sexuality in Alice Munro's Short Stories [ 15/04/2021 – 16/04/2021 ] Daugavpils Universitātes 63. Starptautiskā zinātniskā konference 2021. gada 15. aprīlī. “Doktorantu sekcija LITERATŪRZINĀTNE”
5. Women's Lives in Alice Munro's Short Stories: Eco-feminist Perspective [ 27/01/2022 – 28/01/2022 ] Daugavpils Universitātes Humanitārās fakultātes starptautiska zinātniskā konference "XXXII Zinātniskie lasījumi" 2022. gada 27.-28. janvārī. Darba grupa: Dzīves rakstība: tradīcija un novatoriskais.

*Dalība projektos:*

1. Projekts Nr. 14-95/7 “Ziemeļamerikāņu literatūra novitāšu izpēte un integrēšana mācību procesā un zinātnes komunikācijā" [ 01/02/2018 – 30/10/2018 ] Dalība Daugavpils Universitātes pētniecības projektā Nr. 14-95/7 “Ziemeļamerikāņu literatūra novitāšu izpēte un integrēšana mācību procesā un zinātnes komunikācijā".
2. Projekts Nr. 14-95/10 "Kanādiešu un latviešu literārās paradigmas un krustpunkti" [ 02/02/2020 – 16/10/2020 ] DU pētniecības projekts Nr. 14-95/10 "Kanādiešu un latviešu literārās paradigmas un krustpunkti"