

SABIEDRĪBA. INTEGRĀCIJA. IZGLĪTĪBA. Starptautiskās zinātniskās konferences materiāli. I daļa. Augstākā izglītība. 2020.gada 22.-23.maijs. Rēzekne, Rēzeknes Tehnoloģiju akadēmija, 2020, 520 lpp.

*SOCIETY. INTEGRATION. EDUCATION. Proceedings of the International Scientific Conference. Volume I. Higher Education. May 22<sup>th</sup> - 23<sup>th</sup>, 2020. Rezekne, Rezekne Academy of Technologies, 2020, p. 520.*

Rekomendējusi publicēšanai Rēzeknes Tehnoloģiju akadēmijas Zinātnes padome, 2020.gada 24.martā.

*Recommended for publication by the Scientific Council of Rezekne Academy of Technologies on March, 24, 2020.*

### **Redaktori/*Edited by* Velta Lubkina, Alens Indriksons**

Šī krājuma raksti pēc konferences tiks piedāvāti iekļaušanai Thomson Reuters Web of Science datu bāzē, kā arī CrossRef, WordCat, Google Scholar datu bāzēs. Elektroniski izdevums pieejams <http://journals.rta.lv/index.php/SIE>

*After the conference the papers of these proceedings will be offered for including in Thomson Reuters (ISI Web of Science), CrossRef, WordCat, Google Scholar. The publication is available in electronic forms at <http://journals.rta.lv/index.php/SIE>*

Informācija par konferenci/ *Information about conference*  
<http://conferences.rta.lv/>



RĪGAS STRADĪNA  
UNIVERSITĀTE



EUROPEAN UNION  
European Regional  
Development Fund

INVESTING IN YOUR FUTURE

ERDF co-funded project "Funding of international projects in research and innovation at Rezekne Academy of Technologies" No. 1.1.1.5/18/I/012



Šis darbs tiek izplatīts ar internacionālo licenci:  
*Creative Commons Attribution 4.0 International License*

ISSN 1691-5887

© Rēzeknes Tehnoloģiju akadēmija, 2020  
© Autoru kolektīvs, 2020

**Konferences zinātniskās komitejas priekšsēdētāja/ Chairperson of the scientific committee**

PhD Velta Lubkina, Rezekne Academy of Technologies, Latvia  
PhD Ingrīda Baranauskienė, Klaipēda University, Lithuania  
PhD Kristīne Mārtinsone, Rīga Stradiņš University, Latvia  
PhD Marta Kosior-Kazberuk, Bialystok University of Technology, Poland  
PhD Oleksandr Malykhin, Institute of Pedagogy of the National Academy of Educational Sciences of Ukraine, Ukraine

**Konferences zinātniskā komiteja/ Scientific committee**

PhD Iluta Arbidane, Rezekne Academy of Technologies, Latvia  
PhD Agita Ābele, Latvian Academy of Sport Education, Latvia  
PhD Natalia Aristova, Institute of Pedagogy of the Nation Academy of Education Sciences of Ukraine, Ukraine  
PhD Ingrīda Baranauskienė, Klaipēda University, Lithuania  
PhD Una Bērziņa-Čerenkova, Rīga Stradiņš University, Latvia  
PhD Dina Bethere, Liepaja University, Latvia  
PhD Krzysztof Biel, Jesuit University Ignatianum in Krakow, Poland  
PhD Solveiga Blumberga, Riga International School of Economics and Business and Business administration, Latvia  
PhD Klaudyna Bociek, Olsztyn Higher School, Poland  
PhD Remigijus Bubnys, Siauliai University, Lithuania  
PhD Kristaps Circenis, Rīga Stradiņš University, Latvia  
PhD Ervīns Čukurs, Rīga Stradiņš University, Latvia  
PhD Aleksandra Čuprika, Latvian Academy of Sport Education, Latvia  
PhD Marta Czechowska-Bieluga, Maria Curie-Sklodowska University of Lublin, Poland  
PhD Liga Danilane, Rezekne Academy of Technologies, Latvia  
PhD Liāna Deklāva, Rīga Stradiņš University, Latvia  
PhD Aivis Dombrovskis, Private practice in Psychology, Latvia  
PhD Aija Dudkina, University of Latvia, Latvia  
PhD Jānis Dzerviniks, Rezekne Academy of Technologies, Latvia  
PhD Manuels Fernandezs, University of Latvia, Latvia  
PhD Ilze France, University of Latvia, Latvia  
PhD Arturs Gaveika, Rezekne Academy of Technologies, Latvia  
PhD Alina Gil, Jan Długosz University, Poland  
PhD Andrejs Geske, University of Latvia, Latvia  
PhD Aleksandrs Gorbunovs, Riga Technical University, Latvia  
PhD Pēteris Grabusts, Rezekne Academy of Technologies, Latvia  
PhD Ingūna Grīšķeča, Rīga Stradiņš University, Latvia  
PhD Ingars Gusans, Rezekne Academy of Technologies, Latvia  
MG Mart Hovi, Estonian University of Life Sciences, Estonia  
PhD Svetlana Ignatjeva, Daugavpils University, Latvia  
PhD Dzintra Ilisko, Daugavpils University, Latvia  
PhD Alens Indriksons, Rezekne Academy of Technologies, Latvia  
PhD Natālija Ivanova, Institute of Humanistic and Existential Psychology HEPI, Latvia

PhD Kateřina Jeřábková, Palacky University Olomouc, Czech Republic  
PhD Jelena Jermolajeva, University College of Economics and Culture, Latvia  
PhD Lolita Jonāne, Daugavpils University, Latvia  
PhD Palmira Juceviciene, Kaunas University of Technology, Lithuania  
PhD Angelika Juško-Štekele, Rezekne Academy of Technologies, Latvia  
PhD Eriks Kalvans, Rezekne Academy of Technologies, Latvia  
PhD Ilmārs Kangro, Rezekne Academy of Technologies, Latvia  
PhD Małgorzata Karczewska, University of Zielona Góra, Poland  
PhD Irēna Katane, Latvia University of Life Sciences and Technologies, Latvia  
PhD Aivars Kaupuzs, Rezekne Academy of Technologies, Latvia  
PhD Anna Khilya, Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University, Ukraine  
PhD Antra Kļavinska, Rezekne Academy of Technologies, Latvia  
PhD Sergejs Kodors, Rezekne Academy of Technologies, Latvia  
PhD Jeļena Koļešņikova, Rīga Stradiņš University, Latvia  
PhD Aleksandrs Koļesovs, University of Latvia, Latvia  
PhD Marta Kosior-Kazberuk, Bialystok University of Technology, Poland  
PhD Brigita Kreiviniene, Klaipeda University, Lithuania  
PhD Alex Krouglov, Rezekne Academy of Technologies and University College London, United Kingdom  
PhD Vasyl Kovalchuk, Institute of Pedagogy of the Nation Academy of Education Sciences of Ukraine, Ukraine  
PhD Aira Aija Krumina, Rīga Stradiņš University, Latvia  
PhD Urve Läänemets, Estonian Academy of Music and Theatre, Estonia  
PhD Karīne Laganovska, Rezekne Academy of Technologies, Latvia  
PhD Ilona Laizāne, University of Latvia, Latvia  
PhD Mykola Latyshev, Borys Grinchenko Kyiv University, Ukraine  
PhD Sanita Lazdiņa, Rezekne Academy of Technologies, Latvia  
PhD Jeļena Ļevina, Rīga Stradiņš University, Latvia  
PhD Agnieszka Lewicka-Zelent, Maria Curie-Sklodowska University in Lublin, Poland  
PhD Tetiana Liakh, Borys Grinchenko Kyiv University, Ukraine  
PhD Anna Līduma, University of Latvia, Latvia  
PhD Inga Liepina, Latvian Academy of Sport Education, Latvia  
PhD Lienīte Litavničce, Rezekne Academy of Technologies, Latvia  
PhD Jeļena Ļubenko, Rīga Stradiņš University, Latvia  
PhD Jarosław Makal, Bialystok University of Technology, Poland  
PhD Elena Makeeva, Samara State University of Social Sciences and Education, Russian Federation  
PhD Ioannis Makris, High School of Pedagogical and Technological Education of Athens, Greece  
PhD Vladislavs Malahovskis, Rezekne Academy of Technologies, Latvia  
PhD Marina Marcenoka, Rezekne Academy of Technologies, Latvia  
PhD Oleksandr Malykhin, Institute of Pedagogy of the National Academy of Educational Sciences of Ukraine, Ukraine  
PhD Daniel Markovič, Catholic University in Ružomberok, Slovakia  
PhD Heiko Marten, Rezekne Academy of Technologies, Latvia  
PhD Kristīne Mārtinsone, Rīga Stradiņš University, Latvia  
PhD Gilberto Marzano, President of Ecoistituto Udine, Italy

PhD Līga Mazure, Rezekne Academy of Technologies, Latvia  
PhD Valentin Melnik, Pskov State University, Russian Federation  
PhD Sandra Mihailova, Rīga Stradiņš University, Latvia  
PhD Ivans Jānis Mihailovs, Riga Stradiņš University, Latvian Academy of Culture, Latvia  
PhD Inga Millere, Rīga Stradiņš University, Latvia  
PhD Sandra Murinska, Rezekne Academy of Technologies, Latvia  
PhD Amir Muzur, University of Rijeka, Croatia  
PhD Dace Namsone, University of Latvia, Latvia  
PhD Elena Nikolaeva, Herzen State Pedagogical University, Russian Federation  
PhD Mārīte Opincāne, Rezekne Academy of Technologies, Latvia  
PhD Palmira Peculiauskiene, Vytautas Magnus University, Lithuania  
PhD Viktorija Perepjolkina, Rīga Stradiņš University, Latvia  
PhD Cristina Georgeta Pielmus, "Al. I. Cuza" Police Academy, Romania  
PhD Tamāra Pīgozne, University of Latvia, Latvia  
PhD Anita Pipere, Daugavpils University, Latvia  
PhD Juris Porozovs, University of Latvia, Latvia  
PhD Solvita Pošeiko, University of Latvia, Latvia  
PhD Inta Poudžiunas, Riga Higher Institute of Religious Sciences affiliated to the Pontifical Lateran University, Latvia  
PhD Ilga Prudnikova, Rezekne Academy of Technologies, Latvia  
PhD Michael Alexander Radin, Rochester Institute of Technology, United States  
PhD Rita Raudeliunaite, Mykolas Romeris University, Lithuania  
PhD Inta Rimsane, Rezekne Academy of Technologies, Latvia  
PhD Marite Rozenfelde, Rezekne Academy of Technologies, Latvia  
PhD Aleksejs Ruza, Daugavpils University, Latvia  
PhD Alida Samusevica, Liepaja University, Latvia  
PhD Julia Siderska, Bialystok University of Technology, Poland  
PhD Tatiana Sidneva, Glinka Nizhny Novgorod State Conservatoire, Russian Federation  
PhD Vineta Silkane, Vidzeme University of Applied Sciences University of Latvia  
PhD Aina Strode, Rezekne Academy of Technologies, Latvia  
PhD Gunars Strods, Rezekne Academy of Technologies, Latvia  
PhD Velga Sudraba, Riga Stradiņš University, Latvia  
PhD Dalia Survutaitė, Vytautas Magnus University, Lithuania  
PhD Guna Svence, University of Latvia, Latvia  
PhD Joanna Szydlo, Bialystok University of Technology, Poland  
PhD Daina Škuškovnika, Turība University, Latvia  
PhD Arita Takahashi, Riga Technical University, Latvia  
PhD Ženija Truskovska, Rezekne Academy of Technologies, Latvia  
PhD Signe Tomsone, Rīga Stradiņš University, Latvia  
PhD Oleh Topuzov, Institute of Pedagogy of the Nation Academy of Education Sciences of Ukraine, Ukraine  
PhD Sarmīte Tūbele, University of Latvia, Latvia  
PhD Irēna Upeniece, Rīga Stradiņš University, Latvia  
PhD Anda Upmane, University of Latvia, Latvia  
PhD Svetlana Usca, Rezekne Academy of Technologies, Latvia  
PhD Žermēna Vazne, Latvian Academy of Sport Education, Latvia  
PhD Helena Vecenane, Liepaja University, Latvia

PhD Kristīne Vende-Kotova, Rīga Stradiņš University, Latvia

PhD Aldona Vilkeliene, Lithuanian academy of music and theatre, Lithuania

PhD Raina Vīra, LLC „RISEBA University of Business, Arts and Technology”, Latvia

PhD Jelena Zascerinska, Centre for Education and Innovation Research, Latvia

PhD Irēna Žogla, Rezekne Academy of Technologies, Latvia

PhD Erika Zubule, Rezekne Academy of Technologies, Latvia

PhD Anna Zusa, Latvian Academy of Sports Education, Latvia

PhD Anda Zvaigzne, Rezekne Academy of Technologies, Latvia