

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name

JACKIVA (YATSKIV), IRINA

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Nationality

Latvian

WORK EXPERIENCE

- Dates (from – to) FEBRUARY 2014 – PRESENT
- Name and address of employer Transport and Telecommunication Institute. 1 Lomonosova, LV-1019, Riga, Latvia
- Type of business or sector Education and Research
- Occupation or position held Vice-Rector for Sciences and Development Affairs, Professor; Mathematical Methods and Modelling Department
- Main activities and responsibilities Education and research activities

- Dates (from – to) SEPTEMBER 2013 – FEBRUARY 2014
- Name and address of employer Transport and Telecommunication Institute. 1 Lomonosova, LV-1019, Riga, Latvia
- Type of business or sector Education and Research
- Occupation or position held The Acting TTI Rector, Professor
- Main activities and responsibilities Education and research activities

- Dates (from – to) SEPTEMBER 1999 – SEPTEMBER 2013
- Name and address of employer Transport and Telecommunication Institute. 1 Lomonosova, LV-1019, Riga, Latvia
- Type of business or sector Education and Research
- Occupation or position held Vice-Rector for Sciences and Development Affairs, Vice-Rector for Education and Development Affairs, Vice-Rector for Studies, Professor; Chair of Mathematical Methods and Modelling Department
- Main activities and responsibilities Education and research activities

- Dates (from – to) JUNE 1991 – SEPTEMBER 1999
- Name and address of employer Riga Aviation University. 1 Lomonosova, LV-1019, Riga, Latvia
- Type of business or sector Education
- Occupation or position held Assistant Professor
- Main activities and responsibilities Education and research activities

- Dates (from – to) SEPTEMBER 1990 – June 1991
 - Name and address of employer Riga Aviation University. 1 Lomonosova, LV-1019, Riga, Latvia
 - Type of business or sector Education
 - Occupation or position held Lecturer
 - Main activities and responsibilities Education and research activities
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- Dates (from – to) SEPTEMBER 1982 – May 1987
 - Name and address of employer Riga Scientific Research Institute of State Electrotechnical Factory. 1 Lomonosova, LV-1019, Riga, Latvia
 - Type of business or sector Research
 - Occupation or position held Scientific Collaborator
 - Main activities and responsibilities Research activities

EDUCATION AND TRAINING

- Dates (from – to) 20.02.-15.04.2012
- Name and type of organisation providing education and training European Humanities University (EHU)
- Principal subjects/occupational skills covered Introduction to Distance Learning

- Dates (from – to) 2007 (March)
- Name and type of organisation providing education and training EPFL, Transport and Mobility Laboratory, Lausanne
- Principal subjects/occupational skills covered Discrete Choice Analysis: Predicting Demand and Market Shares

- Dates (from – to) 2004 (May)
- Name and type of organisation providing education and training APEC
- Principal subjects/occupational skills covered IT and Logistics

- Dates (from – to) 1997 (August)
- Name and type of organisation providing education and training University of Oxford (Department of Statistics)
- Principal subjects/occupational skills covered Computer Statistics, Simulation Modelling

- Dates (from – to) 1992
- Name and type of organisation providing education and training Riga Aviation University
- Principal subjects/occupational skills covered Design of Engine D-36 Control Computer System
- Title of qualification awarded Doctor in Engineering
- Level in national classification Doctor Degree in Engineering
- (if appropriate)

- Dates (from – to) 1987. – 1990.
- Name and type of organisation providing education and training Doctoral studies – Riga Civil Aviation Engineering Institute
- Principal subjects/occupational skills covered Candidate of Technical Science Degree, diploma KD032708
- Title of qualification awarded Candidate of Technical Science Degree
- Level in national classification Doctor Degree in Engineering
- (if appropriate)

- Dates (from – to) 1977-1982
- Name and type of organisation providing education and training Riga Civil Aviation Engineering Institute, Faculty of Automation and Computer Science
- Principal subjects/occupational skills covered Design of Automatic Control Systems
 - Title of qualification awarded Diploma of Automatic Computer System Engineer
 - Level in national classification Diploma of Automatic Control System Engineer

**PERSONAL SKILLS AND
COMPETENCES**

MOTHER TONGUE
OTHER LANGUAGES
SELF-ASSESSMENT
EUROPEAN LEVEL (*)

ENGLISH

LATVIAN

SPANISH

**SOCIAL SKILLS
AND COMPETENCES**

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

RUSSIAN

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
A2 Basic user	B1 Independent user	A1 Basic user	A1 Basic user	-

(*) *Common European Framework of Reference (CEF) level*

I have a positive experience in different social activities, for example as:

- Association of Paneuropa Coach Terminals, expert , 2008-present
- Member of Classification Society of North America (CSNA) (from 2006).
- Member of the Latvian Simulation Society (from 1994).
- Director of Latvian Operations Research Society, 2003-present
- Member of Latvian Professor's Association, 2001-present
- Member of the Programme and Organisation Committee of the international Conference "Reliability and Statistics in Transport and Communication", (RelStat), Riga, Latvia (2005- 2013)
- Member of the Programme and Organisation Committee of the International Symposium on Stochastic Models in Reliability, Safety, Security and Logistics, Beer Sheva, Israel, (February 2005, February 2010)
- Member of the Programme Committee of the International Conference on Dependability and Complex Systems (DepCoS-RELCOMEX), Wroslaw, Poland, (2012 -present)
- Member of the Programme Committee of the International Conference on Usage, Usability, and Utility of 3D City Models. Nantes,France, 2012
- Member of the Editorial Board, Journal "Transport" (ISSN 1392-1533), Lithuania, Lithuanian Academy of Science, November 2012 – present
- Member of the Editorial Board, International Journal "Maintenance and reliability", Polish Maintenance Society (Warsaw), 2005-present
- Member of the Editorial Board, International Journal "Transport and Telecommunication", Latvia, 2005-present
- Member of the Editorial Board, International Journal „Mathematics in Engineering, Science and Aerospace", (kopš 2011.gada) ISSN: 2041-3165 (print) 2041-3173 (online)
- Member of the Editorial Board, International Journal "Economics of Development", Kharkiv National University of Economics <http://www.ed.ksue.edu.ua/ER/EER/documents/rdk.html>
- Editor of the Journal " Student Research Works ", Latvia, Riga, TTI
- Reviewer, International Journal "Journal of Air Transportation" (ISSN 1093-8826), USA, University of Nebraska at Omaha
- Member of the Organisation Committee "Application of Simulation (ИММОД)", Sankt-Petersburg (2003, 2005, 2007, 2009, 2011, 2013) and other

ORGANISATIONAL SKILLS
AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

I have a positive experience in different organizational activities, for example:

As Vice-Rector during last years I am responsible for general management of education and research activities in the institution with more than 150 personal of full time staff and more than 3500 students.

I was **leader of team** in different research and development projects and programmes **at European level:**

- Policy Learning in Information Technologies for Public Transport Enhancement, EU BSR INTERREG IV C program, (from 2012)
- EU-wide Establishment of Enduring National and European Support Networks for Sustainable Urban Mobility (ENDURANCE), IEE, (2013.-2016)
- Connecting Authorities for Safer Heavy Goods Traffic in the Baltic Sea Region (C.A.S.H), EU BSR INTERREG IV B program, (2010-2012)
- Baltic-to-Balkan Network for Logistics Competence (B2BLOCO), EU FP-7, (2009-2011)
- Integrating Logistics Centre Networks in the Baltic Sea Region (InLoC), BSR INTERREG III B Program, (2004-2006)

at national level:

- Freight traffic flow research and rerouting from Riga city center, Riga municipality, (1.02.2014 – 7.04.2014)
- Highway P133 and ziemelu street intersection simulation and capacity estimation (11.09.2012 – 10.12.2012)
- Research of expediency for implementation of a pedestrian area in Riga, from Terbatas street to Elizabetes street and then to Tallinas street, Riga municipality, (01.09.2010-30.01.2011)
- Development of Liepaja city macroscopic model for decision making (2007)
- Model of the transport node Krasta street - Maskavas street - Slavu bridge with three level trestle (2007)
- Design of public transport simulation model. Case study of bus station in Riga. (2006)
- Design and Investigation of Simulation Model of Air Space of Latvia for the Analysis and Forecasting of Potential Conflicts (2003) etc

I am the Latvian representative in Management Committee in next EU projects:

- European COST Action TU1004 "Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems" (2011-2015)
- European COST Action TU0903 "Methods and Tools for Supporting the Use, Calibration and Validation of Traffic Simulation Models" (2009-2013)
- European COST Action TU0804 "Survey Harmonization with New Technologies Improvement" (2008-2012)
- European COST Action TU0801 "Semantic enrichment of 3D city models for sustainable urban development"(2008-2012)

I was participant in different research and development projects and programmes, for example:

- LZP Project Nr. 10.0003 "Development of scientific basis for advanced information processing in Latvia" project Nr. 10.0003.4 Development of Model of Intellectual Transport System(2010-2013)
- Latvian National Research Programme "Local Resources Long-Term Utilization. New Products and Technologies (NatRes)". Project Nr. 4. "Development of the Long-Term Programme of the Latvian Transport System Harmonization" (LATRANS)". (2010-2013)
- Enhancing the transfer of Intelligent Transportation System innovations to the market (T-TRANS), EU FP7, (2012-2014)
- Towards an integrated transport system in the Baltic Sea Region (TransBaltic), BSR INTERREG IV B programme. (2009-2011).
- Development of the model of Europe-Asia multimodal corridor intelligent transport system for optimization of Latvia-Belarus international logistics chain (TransLaB). (2007-2009)
- Developing Regions through Spatial Planning and Logistics & ICT Competence (LogOnBaltic), BSR INTERREG III B Programme. (2006-2008)
- BSR INTERREG III B Programme. Project BalticTangent (2005-2007)
- European COST Action TU355 „Changing behavior towards a more sustainable transport demand"

TECHNICAL SKILLS
AND COMPETENCES
*With computers, specific kinds of
equipment, machinery, etc.*

I am the professional educator in different technical subjects:

Course Responsible and Lecturer, TTI Ph.D. Program "Telematics and Logistics"

- Multivariate Statistical Analysis
- Transport Modelling

Course Responsible and Lecturer, PhD in Business Management (RSEBAA-VeA-BA)

- Data Analysis

Course Responsible and Lecturer, TTI M.Sc. in Computer Science, M.Sc. in Management Information System

- Data Mining
- Research Seminar

Course Responsible and Lecturer, TTI M.Sc. in Transportation and Logistics

- Data Analysis and Business Forecasting
- Simulation modeling in Logistics and Transportation
- Research Seminar

Course Responsible and Lecturer, TTI M.Sc. in Economics, M.Sc. in Management

- Econometrics
- Research Seminar

Course Responsible and Lecturer, TTI B.Sc. in Management in Transportation

- Transport Survey Methods

Course Responsible, TTI B.Sc. Computer Science

- Computer Methods of Data Analysis

I have practical experience of simulation project and statistical application in different fields (business, economics, networks, logistics and others)

I am author more than 100 scientific papers, 9 scientific and teaching books

ARTISTIC SKILLS
and competences

References:

- Gromule V., Yatskiv I., Medvedev A. (2008). Investigation of Bus and Coach Service Quality of the Basis of Information System for Riga Coach Terminal, Transport and Telecommunication, Vol.9 (2). 2008, pp. 39-45. (Scopus)
- Gertsbakh Ilya, Yatskiv I., Platonova O. (2008). Constructing Social and Economic Indicators for EU Countries Using Dynamic Classification: Case Studies. In: Proceeding of International Conference "Data mining-2008", 26-28 May 2008, Cadiz, p.153-162. (Web of Science, Scopus)
- Kopytov E., Pranevicius H., Yatskiv I. (2008). On the "Modelling of Business, Industrial and Transport Systems" International Conference, Baltic Journal on Sustainability "Technological and Economic Development of Economy", Vol. 14(3). 2008, pp. 244-246. (Web of Science, Scopus)
- Yatskiv. I, Yurshevich E., Pticina. (2008). Analysis of Mobility and Reliability Measures on the Particular Transport Node at the Stage of its Reconstruction. In: Proceeding of the International Conference "Modelling of Business, Industrial and Transport Systems (MBITS'08)", Riga, 7-10 May, 2008. (Web of Science, Scopus)
- Gromule V., Yatskiv I., Medvedev A. (2008). Development of Quality Indicators System as Analytical Part of Information System for Riga Coach Terminal. Proceedings of the International Conference "Modelling of Business, Industrial and Transport Systems". E. Kopytov, H. Pronevicius, E. Zavadskas and I. Yatskiv eds. 2008. pp. 278-283. (Web of Science, Scopus)
- Yatskiv I., Yurshevich E., Savrasovs M. (2009) Practical aspects of modelling in the transport node reconstruction in Riga. In: Proceedings of the 23 European Conference on Modelling and Simulation, 2009, Madrid, Spain, pp.295-300. (Web of Science, Scopus)
- Yatskiv I., Savrasovs M. (2010). Riga-Minsk transport corridor simulation model development. In: Proceedings of the 9th International Conference "Reliability and Statistics in Transportation and Communication", Riga, Transport and Telecommunication Institute, October 21-23, 2009. pp.394-403.
- Gromule, V., Kolmakova, N., Yatskiv, I. (2010) Estimation of Weights for the Indicators of Quality of Service. In: Proceedings of the International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management (SMRLO10), February 09-11, 2010, Beer Sheva, Israel, pp. 1180-1187.
- Yatskiv. I Pticina. (2010) Constructing the urban public transport system quality indicator. In: Proceedings of the 1st International conference on Road and Rail Infrastructure (CETRA 2010), Opatija, Croatia, pp. 223.-229.
- Yatskiv I., Savrasovs M., Yurshevich E., Medvedevs A. (2010). Simulation as a tool of decision support process: Latvia-based case study. In: Proceedings of the 1st International conference on Road and Rail Infrastructure (CETRA 2010), 2010, Opatija, Croatia – pp. 217-222
- Yatskiv I., Pticina I. (2010) Development of the Composite Indicator Characterising the Urban Public Transport System. In: Proceedings of the World Conference on Transport Research (WCTR-2010) Lisboa, Portugal
- Yatskiv I., Gromule V., Kolmakova N.(2010) Public Transport Service Quality Estimation on The Basis Statistical Analysis, In: Proceedings of the Third International Conference "Problems of Cybernetics and Informatics", Baku, Azerbaijan, 2010, pp. 232-235.
- Yatskiv I., Savrasovs M. (2010) Development of Rga-Minsk transport corridor simulation model, Transport and Telecommunication 11 (1) pp. 38 – 47. (Scopus)
- Yatskiv I., Pticina I. (2010) Construction of the urban public transport system's quality indicator with missing data (2010) Transport and Telecommunication 11 (2) pp. 4 – 11. (Scopus)
- Andronov A., Kolmakova N., Yatskiv I. (2010) A regression model for polytomous data and its application. In: Proceedings of the 11th WSEAS International Conference "Mathematics and Computers in Business and Economics (MCBE '10)", G. Enescu University, Iasi, Romania, 2010, pp. 181-186. (Web of Science, Scopus)
- Andronov A., Kolmakova N., Yatskiv I. (2010) A Quasi Regression Model for Polytomous Data and Its Application for Measuring Service Quality, International Journal of Mathematics and Computers in Simulation, Issue 2, Volume 4, 2010, pp. 50-57. (Web of Science, Scopus)
- Spiridovska N., Yatskiv I. (2011). Estimation of Transport Service Quality Level Using Econometric Models, Transport and Telecommunication, Vol. 12 (4). 2011, pp. 45-51. (Scopus)
- Yatskiv I., Pticina I. (2011) Algorithm of the Choice of the Missing Data Imputation Method for the Urban Public Transport System Quality Indicator Construction. In: Proceedings of the NTTS, 24 February 2011, Brussels
- Yurshevich E. Yatskiv I., (2011) Decision Support System For Transport System Management And Microscopic Traffic Modeling. In: Proceedings of the 7-th International Scientific Conference TRANSBALTICA, 2011, Vilnius, Lithuania, pp.74-81. ISBN: 978-9955-28-840-4
- Yatskiv I., Spiridovska N. (2011) Using Ordinal Regression Model to Analyze Quality of Service for Passenger Terminal. In: Proceedings of the 7th International Scientific Conference TRANSBALTICA 2011, Vilnius Gediminas Technical University, Lithuania, 2011, pp.82-86. ISBN: 978-9955-28-840-4.
- Spiridovska N., Yatskiv I. (2011) Econometric Modelling for Estimation of Transport Service Quality Level. Proceedings of the 11th International Conference "Reliability and Statistics in Transportation and Communication". I. Kabashkin and I. Yatskiv eds. Riga, Transport and Telecommunication Institute, October 20-22, 2011. pp. 234-240.
- Kabashkin I., Yatskiv I., Medvedev A., Kryukov Y. (2012). The Market Structure Analysis for International Road Freight Transport in Latvia. Finland, Turku School of Economics at the University of Turku, p.46. ISBN 978-952-249-086-5L.
- Pticina, I., Yatskiv I. (2012) Public transport system route reliability estimation using macromodelling. Abstract of 25th European Conference on Operational Research, 8-11 July 2012, Vilnius, Lithuania. p.155.
- Yatskiv, I. (2012). Forecasting algorithm for short time series with preliminary classification. Abstract of 25th European Conference on Operational Research, 8-11 July 2012., Vilnius, Lithuania. p.196
- Kabashkin I., Yatskiv I., Medvedev A., Beliha G., Dubanovs D. (2012). Latvian Road Sector and Enforcement of Regulations of International Road Haulage in Historical Perspective. Finland, Turku School of Economics at the University of Turku, p.42. ISBN 978-952-249-089-6

ADDITIONAL INFORMATION

- Yatskiv I., Gromule V. (2012). Quality Management of the Passenger Terminal Services on the Base of Information System. Chapt.3. In book: Modern Information System. C.Kalloniatis ed. InTech. 2012.pp.41-64
- Yatskiv I., Savrasovs M. (2012). Microscopic transport model animation visualisation on KML base. Usage, Usability, and Utility of 3D City Models. T. Leduc, G. Moreau and R. Billen eds. pp. 91-98. doi: 10.2478/v10244-012-0018-4 (Web of Science, Scopus)
- Yurshevich E., Yatskiv I. (2012). Consideration of the Aspects of the Transportation Systems Microscopic Model Application as Part of a Decision Support System, In: Transport and Telecommunication, Vol. 13(3), 2012, pp. 209-218. doi:10.2478/v10244-012-0017-5 (Scopus)
- Yatskiv I., Pticina I, Savrasovs M. (2012). Urban public transport system's reliability estimation using microscopic simulation, In: Transport and Telecommunication, Vol. 13(3), 2012, pp. 219-228. doi: 10.2478/v10244-012-0018-4 (Scopus)
- Yatskiv I., A. Grakovski and Yurshevich E. (2013) An overview of different methods available to observe traffic flows using new technologies. In: Proceedings of the international conference NTTTS, 5-7 March 2013, Brussels, Belgium, 2013.
- Yatskiv I., Spiridovska N. (2013). Application of ordinal regression model to analyze service quality of Riga coach terminal. In: Transport, Vol. 28 (1). Vilnius Gediminas Technical University, Lithuania, 2013, pp.25-30. doi:10.3846/16484142.2013.781542 (Web of Science, Scopus)
- Yatskiv I., Kopytov E., Casellato D., Giuseppe L., McDonald R. (2013). Benchmarking and Assessment of Good Practices in Public Transport Information Systems. In: Transport and Telecommunication, Vol.14 (4) – Riga, TTI, pp. 325–336. doi: 10.2478/tj-2013-0028 (Scopus)
- Billen, R.; Cutting-Decelle, A.-F.; Marina, O., Yatskiv, I. et al (2014). 3D City Models and urban information: Current issues and perspectives. European COST Action TU0801. Book published by edpsciences (2014), 118 p. DOI: 10.1051/TU0801/201400001. ISBN 978-2-7598-1153-3
- Yatskiv I., Kopytov E., Gorky R. (2014) Application of Multi-Criteria Analysis for Evaluation of Good Practice on Infomobility Services in European Union. In: Proceeding of International conference Transport Research Arena 2014 (TRA2014), section STS 35, 2014, April 14-17, Paris, France, 10 pages.
- Yatskiv I., Savrasovs M., Alfimova K. (2014) Development of Intelligent Transportation System Implementation Impact Evaluation Methodology: Case-Study of Riga. In: Proceeding of 16th International conference on Harbor, Maritime & Multimodal Logistics Modelling and Simulation (HMS), 2014, September 10-12, Bordeaux, France, pp. 213-219. ISBN 978-88-97999-39-3 (Scopus)

