

Europass curriculum vitae



Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

E-mail(s)

Mihails Savrasovs

Transport and Telecommunication Institute.

1 Lomonosova, LV-1019, Riga, Latvia

(371) 67100584

Savrasovs.m@tsi.lv

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Education and training

Dates

Title of qualification awarded

2012-...

Head of Research Department

Department work organisation

„Transport and Telecommunication Institute”, 1 Lomonosov street

Research and education

2008-...

Lecturer, laboratory head

Lections, practical works

„Transport and Telecommunication Institute”, 1 Lomonosov street

Research and education

2006-2008

Assistant, laboratory head

Lections, practical works

„Transport and Telecommunication Institute”, 1 Lomonosov street

Research and education

2004-2006

The system analytic –programmer

Programming, new system integration

SIA “Karsten Latvian”, Riga, Ulbrokas 38

Wholesaler

2006-2013

Dr. sc. ing.

Principal subjects/Occupational skills covered PhD thesis theme: Development of new approach for simulation and analysis of traffic flows on mesoscopic level

Dates 2004-2006

Title of qualification awarded Masters Degree in Computer Science

Principal subjects/Occupational skills covered

Name and type of organisation providing education and training Transport and Telecommunication Institute

Dates 2001-2004

Title of qualification awarded Bachelors Degree in Computer Science

Principal subjects/Occupational skills covered

Name and type of organisation providing education and training Transport and Telecommunication Institute

Dates 1989-2001

Title of qualification awarded Secondary education diploma

Principal subjects/Occupational skills covered

Name and type of organisation providing education and training Daugavpils 10.secondary school

Personal skills and competences

Mother tongue(s)
Other language(s)
Self-assessment
European level (*)

English
Latvian
Danish

Russian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
good	good	good	good	good
good	good	good	good	good
average	good	average	average	average

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

Computer skills and competences

- PTV VISION VISUM Advanced Training Demand Modelling based on Use Cases, 2010.
- Modern technologies of strategic and operative transport planning. 2009.
- Traffic flow planning on the base of PTV VISION technologies. 2008.
- Traffic flow planning on the base of PTV VISION technologies. 2007.
- E-Learning workshop
- PTV VISION VISUM Introduction Course
- PTV VISION VISUM Advanced Course
- PTV VISION VISUM Advanced Course (Focus on Travel Demand Modelling)
- PTV VISION VISUM Advanced PuT Course (Validate and Calibrate your Network)
- PTV VISION VISUM Advanced Prt Course (Validate and Calibrate your Network)
- PTV VISION VISUM Advanced Course (Present you Results)
- PTV VISION VISUM Advanced Course (Demand Modelling)
- Certificate of Excellence: Microsoft Certified Professional
- Certificate of Achievement: Querying Microsoft SQL Server 2000 with Transact-SQL: 2071
- Certificate of Achievement: Administering a Microsoft SQL Server 2000 Database: 2072

Driving licence(s)

Category B

Additional information

Projects

- RITS-Net - Regions for Intelligent Transport Solutions Network
- Enhancing the transfer of Intelligent Transportation System innovations to the market (T-TRANS)
- Highway P133 and Ziemeļu Street Intersection Simulation and Capacity Estimation.
- COST Action TU1004 : Modelling Public Transport Passenger Flows in the Era of Intelligent Transport Systems.
- COST Action TU0903: Methods and Tools for Supporting the Use, Calibration and Validation of Traffic Simulation Models.
- COST Action TU0801: Semantic enrichment of 3D city models for sustainable urban development.
- Baltic - to - Balkan network for logistics competence (B2B LOCO).
- Pedestrian and transport flows analysis for pedestrian street creation in Riga city.
- Development of the model of intelligent transport system of Europe-Asia multimodal corridor for optimization of Latvia-Belarus international logistics chain (TransLab)
- The development of the intellectual transport system
- Emergency localisation and removal process simulation model
- Development of Liepāja city macroscopic model for decision making
- Model of the transport node Krasta street - Maskavas street - Slavu bridge with three level trestle
- Analysis and forecast of the urban public transport system flow in Jūrmala city
- Investigation of Riga transport node capacity on basis of microscopic simulation
- Modelling of new coach station project in Riga
- Modelling of Krasta-Maskavas-Slavu junction(Riga, Latvia).

Publications

- E. Kopytov, D. Abramov and M. Savrasov. "Simulation modeling of schemes of cargo trucking between European Union and customs union of Russia, Belarus and Kazakhstan". Proceedings of the International Conference on Harbor Maritime and Multimodal Logistics M&S, 2013. Bruzzone, Gronalt, Merkurjev and Piera eds. 2013. pp. 62-70.
- I. Yatskiv and M. Savrasov. "Microscopic transport model animation visualisation on KML base". Usage, Usability, and Utility of 3D City Models. T. Leduc, G. Moreau and R. Billen eds. 2012. pp. 9.
- M. Savrasov. "Traffic Flow Simulation on Discrete Rate Approach Base", Transport and Telecommunication, Vol. 13, April, 2012, pp. 167-173.
- I. Yatskiv, I. Pticina and M. Savrasov. "Urban Public Transport System's Reliability Estimation Using Microscopic Simulation", Transport and Telecommunication, Vol. 13, June, 2012, pp. 219-228.
- Savrasovs M. "Urban transport corridor mesoscopic simulation", 25th European Conference on Modelling and Simulation (ECMS'2011), 2011. -587-593 pp.
- Savrasovs M., Rudzitis A. "Macroscopic transport model data 3D visualization using KML". 10th International Conference, Reliability and Statistics in Transportation and Communication, 2010.-440-446 lpp.
- Savrasovs M. "The application of a discrete rate approach to traffic flow simulation". 10th International Conference, Reliability and Statistics in Transportation and Communication, 2010.-433-439 lpp.
- M. Savrasovs "Mesoscopic simulation concept for transport corridor". 12th World Conference on Transport Research (WCTR 2010), 2010, Lisbon, Portugal.
- I. Yatskiv, M. Savrasovs "Development of Riga-Minsk transport corridor simulation model". Transport and Telecommunication, 2010, Volume 11, No 1. -38-47 lpp.
- I.Yatskiv, M. Savrasovs, E.Yurshevich, A. Medvedevs "Simulation as a tool of decision support process: Latvia-based case study". 1st International conference on Road and Rail Infrastructure (CETRA 2010), 2010, Opatija, Croatia – pp. 217-222
- M. Savrasovs. "Overview of traffic mesoscopic models", 2nd International Magdeburg Logistics PhD Student Workshop, 2009, pp. 71-79.
- M. Savrasovs "Mesoscopic simulation concept for transport corridor". 12th World Conference on Transport Research (WCTR 2010), 2010, Lisbon, Portugal.
- I. Yatskiv, M. Savrasovs "Development of Riga-Minsk transport corridor simulation model". Transport and Telecommunication, 2010, Volume 11, No 1. -38-47 lpp.
- I.Yatskiv, M. Savrasovs, E.Yurshevich, A. Medvedevs "Simulation as a tool of decision

- support process: Latvia-based case study". 1st International conference on Road and Rail Infrastructure (CETRA 2010), 2010, Opatija, Croatia – pp. 217-222
- M. Savrasovs, A. Medvedevs, E. Sincova. "Riga airport baggage handling system simulation", 23rd European Conference on Modelling and Simulation (ECMS 2009), 2009, Madrid, Spain, pp.384 – 390.
 - I.Yatskiv, E.Yurshevich, M.Savrasov. "Practical aspects of modelling in the transport node reconstruction in Riga", 23rd European Conference on Modelling and Simulation (ECMS 2009), 2009, Madrid, Spain, pp.295 – 300.
 - Саврасов М. "Flow systems analysis: methods and approaches" Computer Modelling and New Technologies, 2008, Volume 12, No 4, - 7-15 p.
 - M. Savrasov, Yury Toluyew "Transport system's mesoscopic model validation using simulation on microlevel". 8th International Conference, Reliability and Statistics in Transportation and Communication, 2008.-297-304 lpp.
 - M. Savrasov "Overview of flow systems investigation and analysis methods". 8th International Conference, Reliability and Statistics in Transportation and Communication, 2008.-273-280 lpp.
 - J. Tolujew, M. Savrasov, "Mesoscopic approach to modelling a traffic system", International Conference, Modelling of Business, Industrial and Transport Systems, 2008. -147-151 lpp.
 - M.Savrasovs, "Development of Liepaja city macroscopic model for decision-making". Transport and Telecommunication, 2007, Volume 8, No 2. -38-46 lpp.
 - M. Savrasov, Yury Toluyew "Application of Mesoscopic Modelling for Queuing Systems Research". 7th International Conference, Reliability and Statistics in Transportation and Communication, 2007.-94-99 lpp.
 - I.Yatskiv, A. Medvedev, M. Savrasov. "Analysis and Forecast of the Urban Public Transport Flow in Jurmala City". 7th International Conference, Reliability and Statistics in Transportation and Communication, 2007.-79-93 lpp.
 - I.Yatskiv, E.Yurshevich, M.Savrasov. "Investigation of Riga Transport Node Capacity on the Basis of Microscopic Simulation", 21st European Conference on Modelling and Simulation (ECMS 2007), 2007, Prague, Czech Republic, pp.584 – 589.

Awards

- Award „Par labāko doktorantu, maģistrantu studentu un skolēnu pētniecisko darbu, saistīto ar Rīgas pilsētas satiksmes problēmām”. 2010.
- Award „Par labāko doktorantu, maģistrantu studentu un skolēnu pētniecisko darbu, saistīto ar Rīgas pilsētas satiksmes problēmām”. 2009.
- Award „Par labāko doktorantu, maģistrantu studentu un skolēnu pētniecisko darbu, saistīto ar Rīgas pilsētas satiksmes problēmām”. 2008.
- Parex bank award 2007./2008. g.
- Award „Par labāko doktorantu, maģistrantu studentu un skolēnu pētniecisko darbu, saistīto ar Rīgas pilsētas satiksmes problēmām”. 2007.
- "Khaim Kardonsky" atmiņas fonda apbalvojums par pētniecību statistikā un drošības teorijā
- K. Irbīša stipendijas un diploma piešķiršana par darbu "Vienkāršu šifrēšanas metožu izturības analīze tekstiem ar zināmo tematiku". (Latvijas Zinātņu akadēmija, VAS "Latvijas Gaisa Satiksmes" un Latvijas Izglītības fonda mērķprogramma "Izglītībai, zinātnei un kultūrai")