



## PERSONAL INFORMATION

**Jānis Grabis**

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SUMMARY OF  
EXPERIENCE

Area of interest: 1) Enterprise Applications and Integration; 2) Information Technology Project Management; and 3) Quantitative Methods for Business Process Improvement at Digital Enterprises.

## WORK EXPERIENCE

## Elected positions at RTU

06/17/2016 - 06/20/2026

**Head of Department**

04/02/2008 - 06/09/2026

**Professor**

06/14/2010 - 04/19/2025

**Director of the Institute**

03/07/2016 - 03/06/2022

**Senior Researcher**

09/15/2004 - 09/15/2010

**Associate Professor**

01/19/2004 - 01/19/2010

**Docent**

## Other positions at RTU

04/21/2008 - 06/09/2026

**Professor** (Department of Management Information Technology)

07/01/2010 - 04/19/2025

**Director of the Institute** (Institute of Information Technology)

01/31/2018 - 08/29/2022

**Head of Department** (Department of Management Information Technology)

04/19/2021 - 03/06/2022

**Senior Researcher** (Department of Modelling and Simulation)

07/21/2020 - 12/31/2021

**Senior Researcher** (Department of Management Information Technology)

10/01/2019 - 06/30/2021

**Senior Expert** (Faculty of Computer Science and Information Technology)

05/25/2020 - 10/31/2020

**Director of the Study Programme** (Department of Management Information Technology)  
**09/18/2013 - 07/31/2018**  
**Senior Researcher** (Department of Management Information Technology)  
**01/04/2016 - 12/30/2016**  
**Director of the Study Programme** (Curriculum and Study Programs Unit)  
**04/16/2014 - 06/29/2014**  
**Acting Professor** (Department of Management Information Technology)  
**07/04/2011 - 09/11/2013**  
**Head of Department** (Department of Management Information Technology)  
**10/06/2008 - 12/31/2008**  
**Senior Researcher** (Department of Management Information Technology)  
**02/01/2005 - 04/20/2008**  
**Associate Professor** (Department of Management Information Technology)  
**05/14/2007 - 10/31/2007**  
**Project Manager** (Department of Management Information Technology)  
**09/04/2006 - 12/31/2006**  
**Senior Researcher** (Department of Management Information Technology)  
**10/01/2004 - 01/31/2005**  
**Associate Professor** (Operāciju pētīšanas katedra)  
**02/06/2003 - 09/30/2004**  
**Docent** (Operāciju pētīšanas katedra)  
**08/04/1997 - 11/18/2003**  
**Vadošais speciālists** (Operāciju pētīšanas katedra)

Rights of an expert of the  
Latvian Council of Science

**2012 - until this moment**

**Field:** Engineering and technology - Electrical engineering, electronic engineering, information engineering (System analysis, modelling and design)

Other expert activity

**04/2018 - 04/2020**

**Conference of Latvian Pupils Scientific Research Projects**

L, Latvia

**Field:** Engineering and technology - Electrical engineering, electronic engineering, information engineering (Other sub-sectors of electrical engineering, electronics, information and communications technology , Hardware and networks, Computer architecture and hardware, Computer control, Data processing systems and computer networks, Electric machinery and equipment, Electrical and automated technologies , Electric power supply, Electrical power engineering, Electronic components, Electric communications, Theoretical foundations of electrical engineering , Power electronics, E-learning technologies and management, Circuits and signals, Fields and waves in electronics, Radio systems, Discrete processing of signals, System analysis, modelling and design,

Telecommunications networks)

**2017 - 03/2017**

**Members of the PhD defense commission**

Rostock University, Germany

**Field:** Engineering and technology - Electrical engineering, electronic engineering, information engineering (System analysis, modelling and design)

**2015**

**PhD defense opponent**

Stockholm University, Sweden

**Field:** Engineering and technology - Electrical engineering, electronic engineering, information engineering (System analysis, modelling and design)

**2013**

**LR IZM Study Program Licensing expert**

IZM, Latvia

**Other positions** **2011**

**Guest researcher**

Stockholm University, Sweden

**2008 - 2010**

**Consultant**

University of Michigan-Dearborn, United States

**2001 - 2003**

**Research Associate**

University of Michigan-Dearborn, United States

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**EDUCATION AND TRAINING**

09/01/1997 - 06/30/2001	<b>Dr. eng. sc.</b> <b>Riga Tehnnical university</b> , Riga, Latvia	EQF level 8
09/01/1995 - 06/30/1997	<b>M. eng. sc. (diploma with distinction)</b> <b>Riga Tehnnical university</b> , Riga, Latvia	EQF level 6

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**SKILLS**

**Mother tongue** Latvian

Languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 & A2: Basic user - B1 & B2: Independent user - C1 & C2: Proficient user  
[European language levels - Self Assessment Grid](#)

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
<u>Digital skills - Self-assessment grid</u>					

## ACADEMIC ACTIVITIES

Study program development and improvement	<b>Doctoral Study</b> Computer Science and Information Technology Information Technology  <b>Academic Master Study</b> Information Technology  <b>Professional Master Study</b> Information Technology  <b>Academic Bachelor Study</b> Information Technology
Administration of study programs	<b>Doctoral Study</b> Computer Science and Information Technology Information Technology  <b>Academic Master Study</b> Information Technology  <b>Professional Master Study</b> Information Technology  <b>Academic Bachelor Study</b> Information Technology
Development of study courses	Practical Research Engagement  Computer Lab I Computer Lab II Computer Lab Internship Enterprise Process and Applications Social Networking Applications Information Technology Knowledge System Design Knowledge Acquisition and Creation General Management Enterprise Systems Enterprise Modelling Data Management Project Management of Complex Systems

Enterprise Application Integration  
Data Warehouse Project Management  
Computer Aided Project Management  
Information Technology  
Associative Methods of Management Science  
Information Tehcnology Project Management  
Management Information Systems and Networks  
Design Laboratory (supplementary course)  
Management Information Systems and Networks  
Information Technology  
Design Laboratory  
**Chemistry, Chemical Technologies and Bio-Technology**  
Information Technology

**Information Technology, Computer Engineering, Electronics, Telecommunications, Computer Control and Computer Science**  
Research Methods in Computer Science and Information Technology  
Digital Transformation  
Information Technology Internship  
Design Laboratory  
Enterprise Applications  
Design Laboratory (supplementary course)  
Engineering Project Management  
Project Management  
Computer forensic analysis  
Maintenance of Information Technology Services  
Customer Relationship Management and Social Network Technologies  
Portfolio Management Technologies  
Enterprise Information Technology Architecture, Applications and Integration  
Optimisation and Adaptation of Complex Systems  
Specialized Scientific Seminars  
Enterprise Resource Planning Systems  
Information Tehcnology Project Management  
Information Technology Project Planning (Study Project)  
Introduction to Study Field  
Scientific Workshop 'Management Information Technology'  
Data Warehouse Project Management  
Information Technology Project Management  
Operations Systems and Strategy  
Master Thesis Including Project  
Research Work  
Master Thesis  
Bachelor Thesis

**Management and Administration, Real Estate Management**  
Operations Systems and Strategy

Administration of study courses	Practical Research Engagement Computer Lab I Computer Lab II Computer Lab Internship Enterprise Process and Applications Social Networking Applications Information Technology Knowledge System Design Knowledge Acquisition and Creation General Management Enterprise Systems Enterprise Modelling Data Management Project Management of Complex Systems Enterprise Application Integration Computer Aided Project Management Associative Methods of Management Science Information Tehcnology Project Management Management Information Systems and Networks Design Laboratory (supplementary course) Management Information Systems and Networks Information Technology Design Laboratory <b>Chemistry, Chemical Technologies and Bio-Technology</b> Information Technology  <b>Information Technology, Computer Engineering, Electronics, Telecommunications, Computer Control and Computer Science</b> Research Methods in Computer Science and Information Technology Digital Transformation Information Technology Internship Design Laboratory Enterprise Applications Design Laboratory (supplementary course) Engineering Project Management Project Management Computer forensic analysis Customer Relationship Management and Social Network Technologies Portfolio Management Technologies Enterprise Information Technology Architecture, Applications and Integration Optimisation and Adaptation of Complex Systems Specialized Scientific Seminars Enterprise Resource Planning Systems Information Tehcnology Project Management Information Technology Project Planning (Study Project)
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Scientific Workshop 'Management Information Technology'

Data Warehouse Project Management

Information Technology Project Management

Operations Systems and Strategy

Master Thesis Including Project

Research Work

Master Thesis

Bachelor Thesis

**Management and Administration, Real Estate Management**

Operations Systems and Strategy

Scientific supervision of  
graduate papers at RTU

2021

**Master**

Implementation of Effective Material Tracking System in experimental production environment

Determining Data Interdependencies in Semi-open Data Ecosystems

**Professional Master**

Risks Related to Support and Maintenance of Legacy Projects

Controlling Technical Debt Within Enterprise IT Projects Using SAFe Framework

Adoption of Agile Project Management Methodology at an E-commerce Company.

**Bachelor**

Type Systems Relevance in Programming Languages for Secure Software Development

Assessment of the low-coding Approach in the Development of Web Applications

Automation of Social Network Data Acquisition and Processing

Comparison of "Low-code" Platforms for Rapid Application Development

Comparison of «Low-code» Technologies for Fast Application Software Development

Staging Area Architectures Impact on ETL Processes in Data Warehouse

2020

**Master**

Evaluation of Necessity of Quality control and Optimization of it in Different Stages of Manufacturing

Analysis of IoT Data with Application in the Retail Industry

Analysis of Inventory Management in relation to Forecasting in ERP Systems.

Evaluation and development of Manufacturing Strategies and Processes for Small and Medium Sized Manufacturing Companies.

Identification and Evaluation of Factors Driving Buyer-supplier Relationship in Industrial Markets.

**Professional Master**

Analysis of Benefits and Limitations of Remote Information Technology Project Management

Managing Distributed Data Storage by Using Blockchains and Smart Contracts

A Metrics-driven Approach for Quality Assessment of Software Products Iterations

Business Process Improvement in the Case of Using Chatbots

Modification Effort Estimation in S/4HANA and SAP ECC Systems

**Bachelor**

Experimental Evaluation of the Effectiveness of Web Service Implementation Technologies

Usability Analysis of Popular Operating Systems

Evading Antivirus Software by Modifying Executable Files

**2019****Master**

Improvement of Reverse Logistics Processes in a Combined Retail and Wholesale Company

Quantitative Evaluation of Business Process Flexibility: Operations Management Perspective

**Professional Master**

Processing and Analysis of GPS Data to Determine Speed-related Infringements

Optimization of Enterprise Administrative Process in Project Management Area

Optimization of the Company's Administrative Processes in Project Management

Change Management Implementation in Organization: Formal or Agile Approach

Velocity Calculation Methods in SCRUM

Comparison of Reports Between Business Intelligence Applications and ERP Systems

Quality Improvement Methods for IT Client Operations Core Service Processes

**Bachelor**

Solving Mathematical Programming Tasks On-premises and Cloud-based Environments: Experimental Comparison

Lightweight Networked Organization Visualization Solution

Project Management Gamification: User Experience and Engagement

Improving the Layout of Data Entry Forms Depending on Data Quality

Architecture Design and Review for the Latvian Music Website

Efficiency of Continuous Integration for Machine Learning Algorithms

Project Management Information Systems

Multinational E-commerce System Development with Different Product Offers

Material Requirement Planning Methods Comparison Within Different

## Applications

2018

**Master**

Economic analysis and optimization of the initial E-Motor production.

A cloud framework for banking information systems design based on EAI and SOA.

**Bachelor**

Fifteen Applications in Fifteen Days: Intensive Work Scheduling Impact on Performance

Lightweight Virtual Reality Technologies for Consumer Maintenance Tasks

## Supervision of Doctoral Theses at RTU

Informācijas sistēmu izmaiņu novērtēšana uzņēmuma arhitektūras kontekstā

Rūta Pirta-Dreimane, 2019

Biznessa procesu izpildes personalizēšana uzņēmumu lietotnēs

Inese Šūpuļniece, 2014

Zināšanu un labās prakses izmantošana projektu vadības informācijas sistēmu konfigurēšanā

Solvita Bērziša, 2012

Pieprasījuma datu integrācijas risinājumi attāliem datu avotiem

Jānis Kampars, 2011

## Reports at academic conferences and seminars

06/19/2017

**Microsoft Academic Conference for Higher Education**

Topic of presentation: «Promoting Collaborative Studies with Microsoft Dynamics Lifecycle Services»

Microsoft, Seattle

## PARTICIPATION IN PROJECTS

## International projects

08/12/2018 - 09/06/2018

**CRPOLTECH OÜ, Development of Simulation Model for Evaluation of “CryptoPolice” Decision-making Algorithm**

Project Lead

Type of project: Other

09/01/2013 - 09/01/2016

**European Commission FP7 Project Nr. 611351 "Capability as a Service in digital enterprises",**

RTU Project Lead

Type of project: FP7

Link to project:

[www.caas-project.eu](http://www.caas-project.eu)

2013

**Rostock University project „Internationale Fallstudie für SAP”**

Consultant

Type of project: Other

**National research projects****09/01/2016 - 12/31/2018****ITKC 03000-3.1.2/179 collaborative project with SIA "ZZ Dats", Development of Software Adaptation Algorithms and Module Based on Context Information Extracted from Users Action Logs, 2016-2017**

Project lead

Type of project: ERAF

**03/05/2018 - 07/31/2018****Big Data Stream Processing Capabilities as a Service (BaSeCaaS)**

Project Lead

Type of project: ERAF

**01/09/2018 - 05/03/2018****Accenture Latvia, Industry sponsored project on Application Development for Document Digitalization**

Project Lead

Type of project: Other

**10/01/2016 - 03/31/2017****ITKC 03000-3.1.2/180 collaborative project with SIA "Pricewaterhouse Coopers Information Technology Services", Support for multi-criteria enterprise vehicle routing, 2016**

Project lead

Type of project: ERAF

**03/01/2015 - 11/30/2015****EC FP7 project Nr. 611351 "Capability as a Service in digital enterprises", 2013-2016, RTU side lead ITKC 03000-3.1.2/89 collaborative project with SIA "VISMA Enterprise", Decomposition of monolithic systems according to SOA principles**

Project lead

Type of project: ERAF

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**ORGANIZATIONAL ACTIVITIES****Academic conference organisation committees****2020****13th IFIP WG 8.1 working conference on the Practice of Enterprise Modelling**

Program Committee Co-Chair

**2018****17th International Conference on Perspectives in Business Informatics Research**

Program Committee Co-Chair

**06/08/2015 - 06/13/2015**

**The 27th Conference on Advanced Information Systems Engineering (CAiSE), Stockholm**  
Forum Chair

Participation at RTU Councils, Working Groups and Commissions	09/01/2015 - until this moment <b>RTU Senate Studies Quality and Programs Committee, Committee Chair</b>
	08/11/2013 - until this moment <b>RTU Information Technology Promotion Board (P-07), Committee Member</b>
	09/01/2010 - until this moment <b>RTU Senate, Senator</b>
	07/01/2008 - until this moment <b>Faculty of Computer Science and Information Technology, Riga Technical University, Member of the Board</b>

Participation in other organisations and commissions	2015 - until this moment <b>Decision Science Institute</b> Member
	2015 - until this moment <b>IEEE</b> Member

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#### SCIENTIFIC ACTIVITIES AND PUBLICATIONS

Summary of publications	The total number of publications is larger than 160, including 2 monographs, 9 edited volumes and 16 journal articles referenced in Scopus. H-index according to Scopus is 11 and according to Google Scholar 15.
Participation in the work of organizational committees of scientific conferences, conference section management	09/24/2018 - 09/26/2018 <b>17th International Conference on Perspectives in Business Informatics Research</b> Stockholm, Sweden Chair of Program Committee
	06/08/2015 - 06/13/2015 <b>The 27th Conference on Advanced Information Systems Engineering (CAiSE)</b> Stockholm, Sweden Forum Chair
	10/06/2013 - 10/07/2013 <b>„6th IFIP WG 8.1 working conference on the Practice of Enterprise Modeling”</b> Riga, Latvia General Chair
	10/06/2011 - 10/08/2011

**10th International Conference on Perspectives in Business Informatics Research**

Riga, Latvia

Chair of Program Committee

[06/07/2004 - 06/11/2004](#)**The 16th Conference on Advanced Information Systems Engineering (CAiSE)**

Rīga

Organization Committee member

Scientific journal and article collection reviewer

[2019 - until this moment](#)**BALTIC JOURNAL OF MODERN COMPUTING**

Editorial Board Member

[2018 - until this moment](#)**International Journal of Information System Modeling and Design**

Editorial Review Board Member

Presentation of reports at international scientific conferences

[06/11/2018 - 06/15/2018](#)**Jānis Grabis**

Capability Management in the Cloud: Model and Environment. 40-50

CAiSE 2018, Estonia

[06/11/2018 - 06/15/2018](#)**Jānis Grabis**

Validation of Capability Modeling Concepts: A Dialogical Approach.

Asdenca 2018, Estonia

[05/22/2018 - 05/25/2018](#)**Jānis Grabis**

Context-Aware Multi-Objective Vehicle Routing

ECMS 2018, Germany

[03/20/2018 - 03/25/2018](#)**Jānis Grabis**

Application of Microservices for Digital Transformation of Data-Intensive Business Processes

ICEIS 2018, Portugal

[11/22/2017 - 11/24/2017](#)**Jānis Grabis**

Development of Capability Driven Development Methodology: Experiences and Recommendations.

PoEM 2017, Belgium

International scientific publications and conference proceedings

[2021](#)**Scientific article indexed in SCOPUS or WOS database**

(affiliation RTU)

Lektauers, A., Pečerska, J., Boļšakovs, V., Romānovs, A., Grabis, J., Teilāns, A. A Multi-Model Approach for Simulation-Based Digital Twin in Resilient Services. *WSEAS Transactions on Systems and Control*, 2021, Vol. 16, No. 10, pp.133-145. ISSN 1991-8763. e-ISSN 2224-2856. Available from: doi:10.37394/23203.2021.16.10

**Article in a collection of scientific publications or a chapter in a monograph indexed in SCOPUS or WOS database**

Grabis, J., Stirna, J., Zdravkovic, J. A Capability Based Method for Development of Resilient Digital Services. In: *Enterprise Information Systems. ICEIS 2020. Lecture Notes in Business Information Processing*. Cham: Springer, 2021. pp.498-516. ISBN 9783030754174. ISSN 1865-1348. Available from: doi:10.1007/978-3-030-75418-1\_23

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Siemers, B., Attarha, S., Kamsamrong, J., Brand, M., Valliou, M., Pirta-Dreimane, R., Grabis, J., Kučincina, N., Mekkanen, M., Vartiainen, T., Lehnhoff, S. Modern Trends and Skill Gaps of Cyber Security in Smart Grid. In: *Proceedings of the 2021 IEEE 19th International Conference on Smart Technologies EUROCON*, Ukraine, Lviv, 6-8 July, 2021. NYC, US: IEEE, 2021, pp.565-570. ISBN 978-1-6654-3300-6. e-ISBN 978-1-6654-3299-3. Available from: doi:10.1109/EUROCON52738.2021.9535632

**2020****Scientific article indexed in SCOPUS or WOS database**

Kiyko, E., Druzhinin, E., Prokhorov, O., Ivanov, V., Haidabrus, B., Grabis, J. Logistics Control of the Resources Flow in Energy-Saving Projects: Case Study for Metallurgical Industry. *Acta Logistica*, 2020, Vol. 7, No. 1, pp.49-60. ISSN 1339-5629. Available from: doi:10.22306/al.v7i1.159

**Reviewed scientific monograph (one author or a group of authors)**

Grabis, J., Romānovs, A., Kulešova, G. 2020 *61st International Scientific Conference on Information Technology and Management Science of Riga Technical University (ITMS 2020): Proceedings*. Piscataway: IEEE, 2020. 202 p. ISBN 978-1-7281-9106-5. Available from: doi:10.1109/ITMS51158.2020

**Article in a collection of scientific publications or a chapter in a monograph indexed in SCOPUS or WOS database**

Haidabrus, B., Druzhinin, E., Elg, M., Jason, M., Grabis, J. Programs to Boost IT-Readiness of the Machine Building Enterprises. In: *Advances in Design, Simulation and Manufacturing II: Proceedings of the 2nd International Conference on Design, Simulation, Manufacturing: The Innovation Exchange, DSMIE-2019. Lecture Notes in Mechanical Engineering*. Singapore: Springer Nature Switzerland AG, 2020. pp.75-84. ISBN 978-3-030-22364-9. e-ISBN 978-3-030-22365-6. ISSN 2195-4356. e-ISSN 2195-4364. Available from: doi:10.1007/978-3-030-22365-6\_8

Grabis, J. Transformation and Enactment of Data-Intensive Business Processes Using Advanced Architectural Styles. In: *Architecting the Digital Transformation: Digital Business, Technology, Decision Support, Management. Intelligent Systems Reference Library. Vol.188*. A.Zimmermann ed. Cham: Springer, 2020. pp.309-326. ISBN 978-3-030-49639-5. e-ISBN 978-3-030-49640-1. ISSN 1868-4394. Available from: doi:10.1007/978-3-030-49640-1\_16

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Grabis, J., Stankovski, V., Zariņš, R. Blockchain Enabled Distributed Storage and Sharing of Personal Data Assets. In: *2020 IEEE 36th International Conference on Data Engineering Workshops (ICDEW 2020): Proceedings*, United States of America, Dalasa, 20-24 April, 2020. Los Alamitos: IEEE Computer Society, 2020, pp.11-17. ISBN 978-1-7281-4267-8. e-ISBN 978-1-7281-4266-1. ISSN 1943-2895. e-ISSN 2473-3490. Available from: doi:10.1109/ICDEW49219.2020.00-13

Grabis, J., Stirna, J., Zdravkovic, J. Capability Management in Resilient ICT Supply Chain Ecosystems. In: *ICEIS 2020: Proceedings of the 22nd International Conference on Enterprise Information Systems. Vol.2*, Czech Republic, Prague, 5-7 May, 2020. [S.I.]: SciTePress, 2020, pp.393-400. ISBN 978-989-758-423-7. Available from: doi:10.5220/0009573603930400

Haidabrus, B., Protsenko, S., Rosenberger, P., Grabis, J. Data Analysis of Readiness Programs of Machine-Building Enterprises. In: *Advances in Design, Simulation and Manufacturing III: Proceedings of the 3rd International Conference on Design, Simulation, Manufacturing: The Innovation Exchange, DSMIE-2020. Vol.1: Manufacturing and Materials Engineering*, Ukraine, Kharkiv, 9-12 June, 2020. Singapore: Springer Nature Switzerland AG, 2020, pp.128-136. ISBN 978-3-030-50793-0. e-ISBN 978-3-030-50794-7. ISSN 2195-4356. e-ISSN 2195-4364. Available from: doi:10.1007/978-3-030-50794-7\_13

Grabis, J. Integrated On-demand Modeling for Configuration of Trusted ICT Supply Chains. In: *Enterprise, Business-Process and Information Systems Modeling: 21st International Conference, BPMDS 2020; 25th International Conference, EMMSAD 2020: held at CAiSE 2020: Proceedings. Lecture Notes in Business Information Processing. Vol.387*, France, Grenoble, 8-9 June, 2020. Cham: Springer Nature Switzerland AG, 2020, pp.300-307. ISBN 978-3-030-49417-9. e-ISBN 978-3-030-49418-6. ISSN 1865-1348. e-ISSN 1865-1356. Available from: doi:10.1007/978-3-030-49418-6\_20

Grabis, J., Minkēviča, V., Haidabrus, B., Popovs, R. Is Team Always Right: Producing Risk Aware Effort Estimates in Agile Development. In: *Perspectives in Business Informatics Research: 19th International Conference on Business Informatics Research (BIR 2020). Lecture Notes in Business Information Processing. Vol. 398*, Austria, Vienna, 21-23 September, 2020. Cham: Springer, 2020, pp.101-110. ISBN 9783030611392. ISSN 1865-1348. Available from: doi:10.1007/978-3-030-61140-8\_7

Grabis, J. On-Premise or Cloud Enterprise Application Deployment: Fit-Gap Perspective. In: *Enterprise Information Systems: 21st International Conference (ICEIS 2019): Revised Selected Papers. Lecture Notes in Business Information Processing. Vol.378*, Greece, Heraklion, 3-5 May, 2019. Cham: Springer Nature Switzerland AG, 2020, pp.406-423. ISBN 978-3-030-40782-7. e-ISBN 978-3-030-40783-4. ISSN 1865-1348. e-ISSN 1865-1356. Available from: doi:10.1007/978-3-030-40783-4\_19

Grabis, J., Bork, D. Preface. In: *13th IFIP Working Conference, PoEM 2020: Proceedings*, Latvia, Riga, 25-27 November, 2020. Cham: Springer, 2020, pp.v-vi. ISBN 978-3-030-63478-0. e-ISBN 978-3-030-63479-7. ISSN 1865-1348. Available from: doi:10.1007/978-3-030-63479-7

Grabis, J. Product Life Cycle Perspective on ICT Product Supply Chain Resilience. In: *Proceedings of the 2020 Winter Simulation Conference*, United States of America, Orlando, 14-18 December, 2020. Catonsville: INFROMS, 2020, pp.1444-1455.

Grabis, J., Romānovs, A., Gonzalez Ramos, J. Welcome Message from the ITMS'2020 Organizational Committee. In: *2020 61st International Scientific Conference on Information Technology and Management Science of Riga Technical University (ITMS 2020): Proceedings*, Latvia, Riga, 15-16 October, 2020. Piscataway: IEEE, 2020, pp.1-1. ISBN 978-1-7281-9106-5. e-ISBN 978-1-7281-9105-8. Available from: doi:10.1109/ITMS51158.2020.9259314

**Full-text conference paper published in other conference proceedings**

Grabis, J., Jegorova, K., Pinka, K. IoT Data Analytics in Retail: Framework and Implementation. In: *Proceedings of International Conference on Innovative Intelligent Industrial Production and Logistics*. Vol.1, Czech Republic, Prague, 2-3 November, 2020. [S.I.]: SciTePress, 2020, pp.93-100. ISBN 978-989-758-476-3. Available from: doi:10.5220/0010133700930100

**2019****Scientific article indexed in SCOPUS or WOS database**

Kampars, J., Zdravkovic, J., Stirna, J., Grabis, J. Extending Organizational Capabilities with Open Data to Support Sustainable and Dynamic Business Ecosystems. *Software and Systems Modeling*, 2019, Vol. 30, No. 1, pp.1-25. ISSN 1619-1366. Available from: doi:10.1007/s10270-019-00756-7

**Reviewed scientific monograph (one author or a group of authors) with ISBN indexed in SCOPUS or WOS database**

Bork, D., Grabis, J., Lantow, B. *Preface of the 3rd international workshop on practicing open enterprise modelling within OmiLab (PROSE)*. Aachen: CEUR, 2019. 65 p. ISSN 1613-0073.

**Reviewed scientific monograph (one author or a group of authors)**

Grabis, J., Romānovs, A., Kuļešova, G. *2019 60th International Scientific Conference on Information Technology and Management Science of Riga Technical University: Proceedings*. Piscataway: IEEE, 2019. 117 p. ISBN 978-1-7281-5710-8. Available from: doi:10.1109/ITMS47855.2019.8940722

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Grabis, J., Kampars, J., Pinka, K., Pekša, J. A Data Streams Processing Platform for Matching Information Demand and Data Supply. In: *Information Systems Engineering in Responsible Information Systems: CAiSE Forum 2019: Proceedings. Lecture Notes in Business Information Processing*. Vol.350, Italy, Rome, 3-7 June, 2019. Cham: Springer, 2019, pp.111-119. ISBN 978-3-030-21296-4. e-ISBN 978-3-030-21297-1. Available from: doi:10.1007/978-3-030-21290-2

Grabis, J., Haidabrus, B., Protsenko, S., Protsenko, I., Rovna, A. Data Science Approach for IT Project Management. In: *Vide. Tehnoloģija. Resursi: XII starptautiskās zinātniskās praktiskās konferences materiāli*, Latvia, Rēzekne, 20-22 June, 2019. Rēzekne: Rēzeknes Tehnoloģiju akadēmija, 2019, pp.51-55. ISSN 1691-5402. e-ISSN 2256-070X. Available from: doi:10.17770/etr2019vol2.4163

Grabis, J. Optimization of Gaps Resolution Strategy in Implementation of ERP Systems. In: *ICEIS 2019 : Proceedings of the 21st International Conference on Enterprise Information Systems*. Vol.1, Greece, Heraklion, 3-5 May, 2019. [S.I.]: SciTePress, 2019, pp.84-92. ISBN 978-989-758-372-8. Available from: doi:10.5220/0007710000840092

Grabis, J. Predicting Next Wave of Digitalization: Towards a Theory of Evolution of Enterprise Applications. In: *BIR-WS 2019 [online]: BIR 2019 Workshops and*

*Doctoral Consortium: Joint Proceedings of the BIR 2019 Workshops and Doctoral Consortium co-located with 18th International Conference on Perspectives in Business Informatics Research (BIR 2019), Poland, Katowice, 23-25 September, 2019. Aachen: RWTH, 2019, pp.98-106.*

Bork, D., Grabis, J., Lantow, B. Preface of the 3rd International Workshop on Practicing Open Enterprise Modelling within OmiLab (PROSE). In: *Proceedings of Preface of the 3rd international workshop on practicing open enterprise modelling within OmiLab (PROSE)*, Luxembourg, Luxembourg, 27-27 November, 2019. Aachen: CEUR, 2019, pp.1-2.

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Grabis, J. Application of Predictive Simulation in Development of Adaptive Workflows. In: *Proceedings of the 2014 Winter Simulation Conference (WSC 2014)*, United States of America, Savannah, 7-10 December, 2014. Piscataway: IEEE Press, 2014, pp.996-1004. ISBN 978-1-4799-7484-9. e-ISBN 978-1-4799-7486-3. Available from: doi:10.1109/WSC.2014.7019959

Grabis, J., Jokste, L., Espana, S., Gonzales, T., Juanes, R., Valverde, F. Capability-Driven Development of a SOA Platform: A Case Study. In: *Advanced Information Systems Engineering Workshops: CAiSE 2014 International Workshops*, Greece, Thessaloniki, 16-20 June, 2014. Cham: Springer International Publishing, 2014, pp.100-111. ISBN 978-3-319-07868-7. e-ISBN 978-3-319-07869-4. ISSN 1865-1348. Available from: doi:10.1007/978-3-319-07869-4\_9

Rusakovs, V., Grabis, J. Object-Oriented Development of Adaptive Workflows for Customer Flow Management Processes. In: *Information and Software Technologies: 20th International Conference (ICIST 2014): Proceedings. Communications in Computer and Information Science*. Vol.465, Lithuania, Druskininki, 9-10 October, 2014. Cham: Springer International Publishing, 2014, pp.224-235. ISBN 978-3-319-11957-1. e-ISBN 978-3-319-11958-8. ISSN 1865-0929. e-ISSN 1865-0937. Available from: doi:10.1007/978-3-319-11958-8\_18

Bravos, G., Grabis, J., Henkel, M., Jokste, L., Kampars, J. Supporting Evolving Organizations: IS Development Methodology Goals. In: *Perspectives in Business Informatics Research: 13th International Conference (BIR 2014): Proceedings*, Sweden, Lund, 22-24 September, 2014. Cham: Springer International Publishing, 2014, pp.158-171. ISBN 978-3-319-11369-2. e-ISBN 978-3-319-11370-8. ISSN 1865-1348. Available from: doi:10.1007/978-3-319-11370-8\_12

##### Full-text conference paper published in other conference proceedings

Grabis, J., Jokste, L., Bravos, G., Stirna, J., Gonzales, T., Henkel, M., Koc, H. Capability Modeling: Initial Experiences. In: *Perspectives in Business Informatics Research: 13th International Conference (BIR 2014)*, Sweden, Lund, 22-24

September, 2014. Cham: Springer International Publishing, 2014, pp.1-14. ISBN 978-3-319-11369-2. e-ISBN 978-3-319-11370-8. ISSN 1865-1348. Available from: doi:10.1007/978-3-319-11370-8\_1

Grabis, J., Pirta, R. Strategy Guided Enterprise Architecting: A Case Study. In: *Information and Software Technologies: 20th International Conference (ICIST 2014): Proceedings. Communications in Computer and Information Science. Vol.465*, Lithuania, Druskininkai, 9-10 October, 2014. Cham: Springer International Publishing, 2014, pp.59-72. ISBN 978-3-319-11957-1. e-ISBN 978-3-319-11958-8. ISSN 1865-0929. e-ISSN 1865-0937. Available from: doi:10.1007/978-3-319-11958-8\_6

## 2013

### **Scientific article indexed in SCOPUS or WOS database**

Grabis, J., Bonders, M. A Simulation Platform for Evaluation and Optimization of Composite Applications. *Scalable Computing: Practice and Experience*, 2013, Vol.13, No.4, pp.315-324. ISSN 1895-1767.

### **Reviewed scientific monograph (one author or a group of authors) with ISBN indexed in SCOPUS or WOS database**

Grabis, J., Kirikova, M., Zdravkovic, J., Stirna, J. *Short Paper Proceedings of the 6th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling (PoEM2013)*. Vol.1023. Rīga: CEUR-WS.org, 2013. 214 p. ISSN 1613-0073.

Grabis, J., Kirikova, M., Zdravkovic, J., Stirna, J. *The Practice of Enterprise Modeling: Lecture Notes in Business Information Processing*. Vol.165: 6th IFIP WG 8.1 Working Conference (PoEM 2013): Proceedings. Berlin: Springer Berlin Heidelberg, 2013. 293 p. ISBN 978-3-642-41640-8. ISSN 1865-1348. Available from: doi:10.1007/978-3-642-41641-5

### **Reviewed scientific monograph (one author or a group of authors)**

Kirikova, M., Lazdane, G., Grabis, J., Lace, K. *Proceedings of the 2nd International Business and Systems Conference BSC 2013 : November 5, 2013, Riga, Latvia*. Riga: Riga Technical University, 2013. 82 p.

### **Article in a collection of scientific publications or a chapter in a monograph indexed in SCOPUS or WOS database**

Zdravkovic, J., Stirna, J., Henkel, M., Grabis, J. Modeling Business Capabilities and Context Dependent Delivery by Cloud Services. In: *Advanced Information Systems Engineering: Lecture Notes in Computer Science*. Vol.7908. Berlin: Springer Berlin Heidelberg, 2013. pp.369-383. ISBN 9783642387081.

### **Article in a collection of scientific publications or a chapter in a monograph with ISBN or ISSN**

Grabis, J., Šūpulniece, I. Simulation-Based Evaluation of Adaptive Applications. In: *Information Systems Development: Reflections, Challenges and New Directions*. New York: Springer, 2013. pp.345-355. ISBN 9781461449508.

### **Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Grabis, J., Kampars, J. On-demand Data Integration for Decision-making Applications. In: *15th International Conference on Enterprise Information Systems (ICEIS 2013): Final Program and Book of Abstracts*, France, Angers, 4-7 July, 2013. Setubal: SCITEPRESS - Science and Technology Publications, 2013, pp.201-208.

Grabis, J. Using Process Variants in Design of Flow Management Systems. In: *Perspectives in Business Informatic Research*, Poland, Varšava, 23-25

September, 2013. Berlin: Springer Berlin Heidelberg, 2013, pp.34-47. ISBN 978-3-642-40822-9. e-ISBN 978-3-642-40823-6. ISSN 1865-1348. Available from: doi:10.1007/978-3-642-40823-6\_4

**Full-text conference paper published in other conference proceedings**

Grabis, J. Joint Optimization of Physical and Information Flows in Supply Chains. In: *Proceedings of the 6th International Workshop on Information Logistics, Knowledge Supply and Ontologies in Information Systems*, Poland, Warsaw, 23-25 September, 2013. Warsaw: 2013, pp.1-10. ISSN 1613-0073.

**Publications in RTU scientific journal**

Šūpuļniece, I., Boguševiča, A., Petrakova, A., Grabis, J. Monitoring Perceived Usability of ERP Systems in Latvian Medium, Small and Micro Enterprises. *Information Technology and Management Science*. Vol.16, 2013, pp.73-78. ISSN 2255-9086. e-ISSN 2255-9094.

**2012****Scientific article indexed in SCOPUS or WOS database**

Grabis, J., Bonders, M. A Simulation Platform for Evaluation and Optimization of Composite Applications. *Scalable Computing: Practice and Experience*, 2012, Vol.13, No.4, pp.315-324. ISSN 1895-1767.

Grabis, J., Chandra, C., Kampars, J. Use of Distributed Data Sources in Facility Location. *Computers & Industrial Engineering*, 2012, Vol.63, Iss.4, pp.855-863. ISSN 0360-8352. Available from: doi:10.1016/j.cie.2012.05.007

Grabis, J., Charu, C., Kampars, J. Use of Distributed Data Sources in Facility Location. *Computers & Industrial Engineering*, 2012, Vol.63, Iss.4, pp.855-863. ISSN 0360-8352.

**Article in a collection of scientific publications or a chapter in a monograph indexed in SCOPUS or WOS database**

Stirna, J., Grabis, J., Henkel, M., Zdravkovic, J. Capability Driven Development - An Approach to Support Evolving Organizations. In: *The Practice of Enterprise Modeling (PoEM 2012). Lecture Notes in Business Information Processing*. Vol.134. Berlin: Springer Berlin Heidelberg, 2012, pp.117-131. ISBN 978-3-642-34548-7. e-ISBN 978-3-642-34549-4. ISSN 1865-1348. Available from: doi:10.1007/978-3-642-34549-4\_9

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Šūpuļniece, I., Grabis, J. Modeling of User Adaptive Enterprise Applications. In: *ICEIS 2012 : Proceedings of the 14th International Conference on Enterprise Information Systems*, Poland, Wrocław, 28 Jun-1 Jul., 2012. [S.I.]: SciTePress, 2012, pp.108-111. ISBN 978-989-8565-12-9. Available from: doi:10.5220/0003976801080111

**Publications in RTU scientific journal**

Bērziša, S., Grabis, J. Project Phase Dependent Configuration of Project Management Information Systems. *Information Technology and Management Science*. Vol.15, 2012, pp.105-110. ISSN 2255-9086. e-ISSN 2255-9094.

**2011****Reviewed scientific monograph (one author or a group of authors)**

Grabis, J., Kirikova, M. *Perspectives in Business Informatics Research: 10th International Conference (BIR 2011): Proceedings*. Lecture Notes in Business Information Processing : Vol.90. Berlin: Springer, 2011. 355 p. ISBN 9783642245107. Available from: doi:10.1007/978-3-642-24511-4

Grabis, J., Kirikova, M. *Perspectives in Business Informatics Research: Proceedings of the 10th International Conference BIR 2011*. Lecture Notes in Business Information Processing : Vol.90. Berlin: Springer, 2011. 355 p. ISBN 9783642245107. ISSN 1865-1348. Available from: doi:10.1007/978-3-642-24511-4

**Article in a collection of scientific publications or a chapter in a monograph indexed in SCOPUS or WOS database**

Grabis, J., Bonders, M., Kampars, J. Combining Functional and Nonfunctional Attributes for Cost Driven Web Service Selection Frontiers in Artificial Intelligence and Applications. In: *Frontiers in Artificial Intelligence and Applications*. Vol.224: *Databases and Information Systems VI*. J.Bārzdiņš, M.Kirikova ed. Netherlands: Ios Pr Inc, 2011. pp.227-239. ISBN 9781607506874.

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Bērziša, S., Grabis, J. A Framework for Knowledge-Based Configuration of Project Management Information Systems. In: *Proceedings of the 17th International Conference on Information and Software Technologies (IT 2011)*, Lithuania, Kaunas, 27-29 April, 2011. Kaunas: Kaunas University of Technology, 2011, pp.31-38. ISSN 2029-0020.

Mikulovs, I., Grabis, J. Analysis of Dynamic Interactions with External Parties During Maintenance of ERP Systems. In: *Perspectives in Business Informatics Research : 10th International Conference (BIR 2011)*, Latvia, Rīga, 6-8 October, 2011. Berlin: Springer Berlin Heidelberg, 2011, pp.217-230. ISBN 978-3-642-24510-7. e-ISBN 978-3-642-24511-4. ISSN 1865-1348. Available from: doi:10.1007/978-3-642-24511-4\_17

Bērziša, S., Grabis, J. Combining Project Requirements and Knowledge in Configuration of Project Management Information Systems. In: *Proceedings of the 12th International Conference on Product Focused Software Development and Process Improvement (PROFES 2011)*, Italy, Torre Canne, 20-22 June, 2011. New York: ACM, 2011, pp.89-95. ISBN 978-1-4503-0783-3. Available from: doi:10.1145/2181101.2181122

Bērziša, S., Grabis, J. Knowledge Reuse in Configuration of Project Management Information Systems: A Change Management Case Study. In: *Proceedings of the 15th IEEE International Conference on Intelligent Engineering Systems (INES 2011)*, Slovakia, Poprad, 23-25 June, 2011. Piscataway: IEEE, 2011, pp.51-56. ISBN 9781424489541. Available from: doi:10.1109/INES.2011.5954718

**Full-text conference paper published in other conference proceedings**

Šūpuļniece, I., Grabis, J. User Oriented Process Adaptation in Enterprise Applications. In: *Perspectives in Business Informatics Research*, Latvia, Rīga, 6-6 October, 2011. Riga: Riga Technical University, 2011, pp.355-363. ISBN 978-9984-30-197-6.

**Publications in RTU scientific journal**

Eberšteins, M., Grabis, J. A Method for Documenting Modifications in ERP Systems. *Applied computer systems*. Vol.46, 2011, pp.57-64. ISSN 1407-7493. Available from: doi:10.2478/v10143-011-0008-3

Kampars, J., Grabis, J. An Approach to Parallelization of Remote Data Integration Tasks. *IT and Management Science*. Vol.49, 2011, pp.24-30. ISSN 1407-7493. Available from: doi:10.2478/v10143-011-0037-y

Bērziša, S., Grabis, J. Evaluation of Similarity and Reuse of Project Management Processes. *IT and Management Science*. Vol.49, 2011, pp.59-65. ISSN 1407-7493. Available from: doi:10.2478/v10143-011-0043-0

## 2010

### **Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Šūpuļniece, I., Grabis, J. Discovery of Personalized Information Systems Usage Patterns. In: *Information Technologies '2010 : Proceedings of the 16th International Conference on Information and Software Technologies (IT 2010)*, Lithuania, Kaunas, 22-23 April, 2010. Kaunas: Kaunas University of Technology, 2010, pp.25-32. ISSN 2029-0020.

Grabis, J., Chandra, C. Process Simulation Environment for Case Studies. In: *Proceedings of the 2010 Winter Simulation Conference*, United States of America, Baltimore, 5-8 December, 2010. Baltimore: WSC, 2010, pp.317-326. ISBN 978-1-4244-9866-6. ISSN 0891-7736. Available from: doi:10.1109/WSC.2010.5679154

### **Full-text conference paper published in other conference proceedings**

Grabis, J., Folkbergs, G. Integration of Decision-Making Components into ERP Systems. In: *Proceedings of the 9th International Conference on Perspectives in Business Informatics Research*, Germany, Rostock, 6-8 October, 2010. Rostock: RU, 2010, pp.43-51.

Ivaņecka, A., Grabis, J., Soboļeva, A. Three Dimensions of ERP Maintenance: the Case Study at an Energy Company. In: *Information Technologies' 2010: 16th International Conference on Information and Software Technologies*, Lithuania, Kaunas, 21-23 April, 2010. Kaunas: Kaunas University of Technology, 2010, pp.277-284. ISSN 2029-0020.

Bonders, M., Grabis, J., Kampars, J. Web Service Selection: beyond Quality of Service. In: *Databases and Information Systems: Proceedings of the Ninth International Baltic Conference "Baltic DB&IS 2010"*, Latvia, Rīga, 5-7 July, 2010. Rīga: University of Latvia, 2010, pp.125-137. ISBN 978-9984-45-199-2.

## 2009

### **Scientific article indexed in SCOPUS or WOS database**

Chandra, C., Grabis, J. Reconfigurable Manufacturing Systems: Meeting the Challenges of a Dynamic Business Paradigm. *International Journal of Manufacturing Technology and Management*, 2009, Vol.17, No.1/2, pp.1-4. ISSN 1741-5195. e-ISSN 1368-2148. Available from: doi:10.1504/IJMTM.2009.023775

### **Scientific article indexed in ERIH database, in INT1 or INT2 category journals**

Chandra, C., Grabis, J. A Goal Model Driven Supply Chain Design. *International Journal of Data Analysis Techniques and Strategies*, 2009, Vol.1, No.3, pp.224-241. ISSN 1755-8050. e-ISSN 1755-8069. Available from: doi:10.1504/IJDATS.2009.024294

Chandra, C., Grabis, J. Configurable Supply Chain: Framework, Methodology and Application. *The International Journal of Manufacturing Technology Management*, 2009, Vol.17, No.1/2, pp.5-22. ISSN 1368-2148. e-ISSN 1741-5195. Available from: doi:10.1504/IJMTM.2009.023776

### **Publication (anonymously reviewed) in a journal with an international editorial board indexed in other databases**

Chandra, C., Grabis, J. Role of Flexibility in Supply Chain Design and Modeling – Introduction to the Special Issue. *Omega: the International Journal of Management Science*, 2009, Vol.37, Iss.4, pp.743-745. ISSN 0305-0483. Available from: doi:10.1016/j.omega.2008.07.003

**Full-text conference paper published in conference proceedings indexed in SCOPUS or WOS database**

Bērziša, S., Grabis, J. An Approach for Implementation of Project Management Information Systems. In: *Information Systems Development: Towards a Service Provision Society*, Cyprus, Paphos, 23-26 August, 2008. New York: Springer, 2009, pp.423-431. Available from: doi:10.1007/b137171\_44

Grabis, J., Kirikova, M., Vanags, J. Information Architecture of Fractal Information Systems. In: *Proceedings of 11th International Conference on Enterprise Information Systems (ICEIS 2009) / ed. by J.Filipe, J.Cordeiro*, Italy, Milan, 6-10 May, 2009. [Setúbal]: INSTICC, 2009, pp.150-155. ISBN 978-989-8111-86-9. Available from: doi:10.5220/0001988101500155

**Full-text conference paper published in other conference proceedings**

Grabis, J., Ivanecka, A. Continuous Improvement of Enterprise Applications. In: *Proceedings of the 8th International Conference on Perspectives in Business Informatics Research (BIR 2009)*, Sweden, Kristianstad, 1-2 October, 2009. Kristianstad: 2009, pp.95-100.

Sedmale, G., Grabis, J., Hmejovs, A. Phase Development and Mechanical Properties of High-temperature Ceramic in the System Mullite-ZrO<sub>2</sub>. In: *Proceedings of the Symposium I "Functional and Structural Ceramic and Ceramic Matrix Composites" (CCMC)*, Poland, Warsaw, 15-19 September, 2008. Kiev: Frantsevich Institute for Problems, 2009, pp.237-245.

**2008**

**Scientific article indexed in ERIH database, in INT1 or INT2 category journals**

Chandra, C., Grabis, J. Information Technology Support for Integrated Supply Chain Modeling. *Human Systems Management*, 2008, Vol.27, No.1, pp.3-13. ISSN 0167-2533. e-ISSN 1875-8703.

**Publication (anonymously reviewed) in a journal with an international editorial board indexed in other databases**

Chadra, C., Grabis, J. Inventory Management with Variable Lead-Time Dependent Procurement Cost. *Omega: the International Journal of Management Science*, 2008, Vol.36, Iss.5, pp.877-887. ISSN 0305-0483. Available from: doi:10.1016/j.omega.2006.04.009

**Full-text conference paper published in other conference proceedings**

Chandra, C., Grabis, J. Goal-Driven Supply Chain Design. In: *Proceedings of the 2008 Industrial Engineering Research Conference (IERC '08)*, Canada, Vancouver, 17-21 May, 2008. Vancouver: 2008, pp.1-6.

Grabis, J., Šūpuļniece, I. User Modelling Driven Adaptive Enterprise Applications. In: *5th ICESAL 2008: Proceedings of the 5th International Conference on Enterprise Systems, Accounting and Logistics*, Greece, Heraklion, 7 Jul-8 Dec., 2008. Heraklion: , 2008, pp.1-12.

**2007**

**Scientific article indexed in SCOPUS or WOS database**

Grabis, J., Chandra, C., Tumanyan, A. Problem Taxonomy: a Step towards Effective Information Sharing in Supply Chain Management. *International*

*Journal of Production Research*, 2007, Vol.45, No.11, pp.2507-2544. ISSN 0020-7543. e-ISSN 1366-588X. Available from: doi:10.1080/00207540601020486

**Scientific article indexed in ERIH database, in INT1 or INT2 category journals**

Grabis, J. Book Review of Mass Customization: Supply Chain Approach. *Interfaces*, 2007, Vol.37, No.3, pp.300-301. ISSN 0092-2102. e-ISSN 1526-551X.

**Full-text conference paper published in other conference proceedings**

Grabis, J., Chandra, C. Application of the Service-Oriented Architecture in Integration of Decision-Modeling Applications. In: *Proceedings of the Industrial Engineering Research Conference*, United States of America, Nashville, 19-22 May, 2007. Nashville: 2007, pp.1-6.

**2006**

**Full-text conference paper published in other conference proceedings**

Grabis, J., Bonders, M., Kampars, J. A Methodology for Integration of Spatial Data in Enterprise Applications. In: *Internet & Information Systems in the Digital Age: Challenges & Solutions: Proceedings of the 7th International Business Information Management Association (IBIMA) Conference*, Italy, Brescia, 14-16 December, 2006. Brescia: IBIMA, 2006, pp.169-175. ISBN 0-9753393-6-2.

**2005**

**Article in a collection of scientific publications or a chapter in a monograph with ISBN or ISSN**

Merkurjevs, J., Petuhova, J., Grabis, J. Managing Service-Sensitive Demand through Simulation. In: *Supply Chain Optimisation: Product/Process Design, Facility Location and Flow Control. Series: Applied Optimization*. Vol.94. Florida: Springer, 2005, pp.41-53. ISBN 978-0-387-23566-0. ISSN 1384-6485. Available from: doi:10.1007/0-387-23581-7\_4

**2003**

**Full-text conference paper published in other conference proceedings**

Merkurjevs, J., Petuhova, J., Grabis, J. Analysis of Dynamic Properties of an Inventory System with Service-Sensitive Demand Using Simulation. In: *Proceedings of the 15th European Simulation Symposium (ESS'2003)*, Netherlands, Delft, 26-29 October, 2003. Delft: Society for Modelling and Simulation International, 2003, pp.509-514.

**MOBILITY**

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**Other international mobility**

**10/01/2019 - 12/31/2019**

**Stockholm University**

Sweden

**2001 - 2003**

**Darbs Mičiganas Universitāte Dībornā**

United States

**PROFESSIONAL  
DEVELOPMENT AND  
TRAINING SEMINARS**

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## RTU organised events

2012

SAP konfigurēšanas kursi, iegūts sertifikāts „SAP University Alliances ERP Foundation Certification”, Drēzdenes Tehniskā universitāte, 1 (hours)

06/14/2007 - 06/20/2007

Apmācības kursi „Effectively Managing IT Projects using the Microsoft Solutions Framework v4.1 for Agile System Development methodology and Visual Studio 2005 Team System”, Datorzinību centrs, Rīga, 1 (hours)

## ACHIEVEMENTS AND AWARDS

## Honorary articles, etc.

2012

**Zinātniskā žurnāla „OMEGA: International Journal of Management Science” gada labākais recenzents, 2012**

2012

**LZA korespondētāloceklis,**

LZA

2006

**European Social Fund New Scientist Fellow, 2005-2006**

1997

**Master Diploma with distinction, 1997**

RTU

1997

**SWH IZK fonda stipendiāts (1996-1997)**

## ADDITIONAL INFORMATION

## Other information

International Scientific Programme Committee member

1 ICEIS 2012-2020 International Conference on Enterprise Information Systems

2 CBI 2020 22nd IEEE International Conference on Business Informatics

3 VEnMo 2020 2nd Workshop on the Value and Quality of Enterprise Modelling

4 PoEM 2020 Practice of Enterprise Modelling

5 ISD2020 29th International Conference on Information Systems Development

6 BITA 2020 11th Workshop on Business and IT Alignment

7 ICAI 2020 Third International Conference on Applied Informatics

8 BIR 2020 19th International Conference on Perspectives in Business Informatics Research

9 CAISE'2020 32nd International Conference on Advanced Information Systems Engineering

10 ANT-2020 The 11th International Conference on Ambient Systems, Networks and Technologies

11 ADBIS 2020 European Conference on Advances in Databases and Information Systems

12 ILOG 2019 11th Workshop on Information Logistics and Digital Transformation

13 PrOse2019 3rd International Workshop on Practicing Open Enterprise

Modeling within OMILAB

14 BIR 2019 18th International Conference on Perspectives in Business Informatics Research

15 PoEM 2019 12th conference on the Practice of Enterprise Modelling (PoEM) 2019

16 SoEA4EE'2019 The 11th Workshop on Service oriented Enterprise Architecture for Enterprise Engineering

17 ICIST 2019 International Conference on Information and Software Technologies

18 BITA 2019 10th Workshop on Business and IT Alignment

19 CAiSE '19 31st International Conference on Advanced Information Systems Engineering

20 TEAR 2019 Trends in Enterprise Architecture Research 2019

21 ADBIS 2019 23rd European Conference on Advances in Databases and Information Systems

22 ICAI 2019 Second International Conference on Applied Informatics

23 RCIS'2019 13th IEEE International Conference on RESEARCH CHALLENGES IN INFORMATION SCIENCE

24 EMMSAD19 Exploring of Modeling Methods for Systems Analysis & Development

25 BIR 2018 17th International Conference on Perspectives in Business Informatics Research

26 PoEM 2018 11th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modelling

27 ILOG2018 Workshop on Information Logistics in the Age of Digitization

28 rea2018 Resilient Enterprise Architecture

29 PrOse 2018 2nd International Workshop on Practicing Open Enterprise Modeling within OMILAB

30 ISD 2018 27th International Conference on Information Systems Development (ISD2018)

31 Baltic DB&IS 2018 13th International Baltic Conference on Databases and Information Systems

32 BITA 2018 9th Workshop on Business and IT

Chief-Editor, Scientific Journal of Riga Technical University, Information Technology and Management Science

Associate guest editor for OMEGA special issue „Role of flexibility in supply chain design and modeling”, 2007-2008

Associate guest editor for International Journal of Manufacturing Technology and Management special issue on „Reconfigurable manufacturing systems: Concepts, technologies and applications”, 2007-2008.

Associate guest editor for “Complex Systems Informatics and Modeling Quarterly” special issue “Selected Topics on Advanced Information Systems Engineering”, 2015

**Master degree with Diploma**

Master degree with Diploma, 1997