

## СПИСЪК НА НАУЧНИТЕ ТРУДОВЕ

на д-р Борис Благовестов Шишков

### I. Монографии

1. **Designing Enterprise Information Systems**, Merging Enterprise Modeling and Software Specification  
 Автор: Boris Shishkov  
 ISBN: 978-3-030-22440-0  
 Издател: Springer  
 Година: 2020
2. **Enterprise Information Systems**, A Modeling Approach  
 Автор: Boris Shishkov  
 ISBN: 978-619-90124-3-7  
 Издател: ICREST  
 Година: 2017
3. **Software Specification Based on Re-usable Business Components** (PhD Thesis)  
 Автор: Boris Shishkov  
 ISBN: 90-9019924-1  
 Издател: TU Delft  
 Година: 2005

### II. Отпечатани рецензирани (реферирани) трудове: доклади на научни форуми (у нас и в чужбина), както и статии в национални и международни издания

4. **Towards Well-Founded and Richer Context-Awareness Conceptual Models**  
 Автори: Boris Shishkov, Marten van Sinderen  
 Публ. в: Proceedings of BMSD 2021 – the 11<sup>th</sup> International Symposium on Business Modeling and Software Design; 5-7 July 2021; Sofia, Bulgaria  
 Издател: Springer, Cham  
 Година: 2021
5. **Using Drones for Resilience: A System of Systems Perspective**  
 Автори: Boris Shishkov, Todor Branzov, Krassimira Ivanova, Alexander Verbraeck  
 Публ. в: Proceedings of ICTRS 2021 – the 10<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 15-16 November 2021; Virtual Conference  
 Издател: ACM  
 Година: 2021
6. **Making Enterprise Information Systems Resilient Against Disruptive Events: A Conceptual View**  
 Автори: Boris Shishkov, Alexander Verbraeck  
 Публ. в: Proceedings of BMSD 2020 – the 10<sup>th</sup> International Symposium on Business Modeling and Software Design; 6-8 July 2020; Berlin, Germany  
 Издател: Springer, Cham  
 Година: 2020

7. **Four Enterprise Modeling Perspectives and Impact on Enterprise Information Systems**  
 Авторы: Boris Shishkov, Aglika Bogomilova, Magdalena Garvanova  
 Публ. в: Proceedings of WorldCIST 2020 – the 8<sup>th</sup> World Conference on Information Systems and Technologies; 7-10 April 2020; Budva, Montenegro  
 Издатель: Springer, Cham  
 Година: 2020
  
8. **Improving Resilience Using Drones for Effective Monitoring after Disruptive Events**  
 Авторы: Boris Shishkov, Stefan Hristozov, Alexander Verbraeck  
 Публ. в: Proceedings of ICTRS 2020 – the 9<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 5-6 October 2020; Virtual Conference  
 Издатель: ACM  
 Година: 2020
  
9. **Unmanned Traffic Management - Motivation and Future Perspectives**  
 Авторы: Stefan Hristozov, Boris Shishkov  
 Публ. в: Proceedings of ICTRS 2020 – the 9<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 5-6 October 2020; Virtual Conference  
 Издатель: ACM  
 Година: 2020
  
10. **Tuning the Behavior of Context-Aware Applications**, Using Semiotic Norms and Bayesian Modeling to Establish the User Situations  
 Авторы: Boris Shishkov  
 Публ. в: Proceedings of BMSD 2019 – the 9<sup>th</sup> International Symposium on Business Modeling and Software Design; 1-3 July 2019; Lisbon, Portugal  
 Издатель: Springer, Cham  
 Година: 2019
  
11. **Capturing Human Authority and Responsibility by Considering Composite Public Values**  
 Авторы: Magdalena Garvanova, Boris Shishkov  
 Публ. в: Proceedings of BMSD 2019 – the 9<sup>th</sup> International Symposium on Business Modeling and Software Design; 1-3 July 2019; Lisbon, Portugal  
 Издатель: Springer, Cham  
 Година: 2019
  
12. **Measuring and Clustering Moving Objects**  
 Авторы: Magdalena Garvanova, Ivan Garvanov, Christo Kabakchiev, Boris Shishkov  
 Публ. в: Proceedings of ICTRS 2019 – the 8<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 16-17 September 2019; Rhodes, Greece  
 Издатель: ACM  
 Година: 2019
  
13. **Three Categories of Context-Aware Systems**  
 Авторы: Boris Shishkov, John Bruntse, Martijn Warnier, Marijn Janssen  
 Публ. в: Proceedings of BMSD 2018 – the 8<sup>th</sup> International Symposium on Business Modeling and Software Design; 2-4 July 2018; Vienna, Austria  
 Издатель: Springer, Cham  
 Година: 2018
  
14. **Business Process Variability and Public Values**  
 Авторы: Boris Shishkov, Jan Mendling  
 Публ. в: Proceedings of BMSD 2018 – the 8<sup>th</sup> International Symposium on Business Modeling and Software Design; 2-4 July 2018; Vienna, Austria  
 Издатель: Springer, Cham  
 Година: 2018

15. **Composite Public Values and Software Specifications**  
 Авторы: Magdalena Garvanova, Boris Shishkov, Marijn Janssen  
 Публ. в: Proceedings of BMSD 2018 – the 8<sup>th</sup> International Symposium on Business Modeling and Software Design; 2-4 July 2018; Vienna, Austria  
 Издатель: Springer, Cham  
 Година: 2018
  
16. **Towards Context-Aware Vehicle Navigation in Urban Environments: Modeling Challenges**  
 Авторы: Ivan Garvanov, Christo Kabakchiev, Boris Shishkov, Magdalena Garvanova  
 Публ. в: Proceedings of BMSD 2018 – the 8<sup>th</sup> International Symposium on Business Modeling and Software Design; 2-4 July 2018; Vienna, Austria  
 Издатель: Springer, Cham  
 Година: 2018
  
17. **Mobile Devices: Effect on Human Health**  
 Авторы: Magdalena Garvanova, Boris Shishkov, Stoyan Vladimirov  
 Публ. в: Proceedings of ICTRS 2018 – the 7<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 8-9 October 2018; Barcelona, Spain  
 Издатель: ACM  
 Година: 2018
  
18. **Vehicle Navigation in Urban Environments: Overcoming GPS Shadows**  
 Авторы: Ivan Garvanov, Christo Kabakchiev, Boris Shishkov, Magdalena Garvanova  
 Публ. в: Proceedings of ICTRS 2018 – the 7<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 8-9 October 2018; Barcelona, Spain  
 Издатель: ACM  
 Година: 2018
  
19. **Enforcing Context-Awareness and Privacy-by-Design in the Specification of Information Systems**  
 Авторы: Boris Shishkov, Marijn Janssen  
 Публ. в: Lecture Notes in Business Information Processing (LNBIP) Series – LNBIP 309: Revised Selected Papers from BMSD 2017 – the 7<sup>th</sup> International Symposium on Business Modeling and Software Design; 3-5 July 2017; Barcelona, Spain  
 Издатель: Springer, Cham  
 Година: 2018
  
20. **Drones in Land Border Missions: Benefits and Accountability Concerns**  
 Авторы: Boris Shishkov, Stefan Hristozov, Marijn Janssen, Jeroen van den Hoven  
 Публ. в: Proceedings of ICTRS 2017 – the 6<sup>th</sup> International Conference on Telecommunications and Remote Sensing; 6-7 November 2017; Delft, The Netherlands  
 Издатель: ACM  
 Година: 2017
  
21. **Towards Context-Aware and Privacy-Sensitive Systems**  
 Авторы: Boris Shishkov, Marijn Janssen, Yi Yin  
 Публ. в: Proceedings of BMSD 2017 – the 7<sup>th</sup> International Symposium on Business Modeling and Software Design; 3-5 July 2017; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2017
  
22. **Usability Assessment of Drone Technology With Regard to Land Border Security**  
 Автор: Stefan Hristozov, Boris Shishkov  
 Публ. в: Proceedings of BMSD 2017 – the 7<sup>th</sup> International Symposium on Business Modeling and Software Design; 3-5 July 2017; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2017

23. **Towards Context-aware Border Security Control**  
 Авторы: Boris Shishkov, Dimitris Mitrakos  
 Публ. в: Proceedings of BMSD 2016 – the 6<sup>th</sup> International Symposium on Business Modeling and Software Design; 20-22 June 2016; Rhodes, Greece  
 Издатель: SCITEPRESS  
 Година: 2016
  
24. **Towards a Service-Oriented Architecture for eVoting**  
 Авторы: Boris Shishkov, Marijn Janssen  
 Публ. в: Proceedings of BMSD 2016 – the 6<sup>th</sup> International Symposium on Business Modeling and Software Design; 20-22 June 2016; Rhodes, Greece  
 Издатель: SCITEPRESS  
 Година: 2016
  
25. **Digitization of Cultural Heritage – A Service-Oriented Approach**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of DiPP 2016 – the 6<sup>th</sup> Int. Conf. on Digital Presentation and Preservation of Cultural and Scientific Heritage; 26-28 September 2016; Veliko Tarnovo, Bulgaria  
 Издатель: Institute of Mathematics and Informatics - Bulgarian Academy of Sciences  
 Година: 2016
  
26. **SDBC-Based Technology-Independent Functionality Models (Applications in Emergency Medical Response)**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of the National Conference on Informatics in Memory of P. Burnev; 12-13 November 2015; Sofia, Bulgaria  
 Издатель: Institute of Mathematics and Informatics - Bulgarian Academy of Sciences  
 Година: 2015
  
27. **Business Models and Service Applications for Traffic Management**  
 Авторы: Brahmananda Sapkota, Marten van Sinderen, Boris Shishkov  
 Публ. в: Proceedings of BMSD 2012 – the 2<sup>nd</sup> International Symposium on Business Modeling and Software Design; 4-6 July 2012; Geneva, Switzerland  
 Издатель: SCITEPRESS  
 Година: 2012
  
28. **e- Business Challenges and Directions: Important Themes from the First ICE-B Workshop**  
 Авторы: David Marca, Rebecca Bulander, Cornelia Kruslin, Boris Shishkov, Marten van Sinderen  
 Публ. в: Communications in Computer and Information Science (CCIS) Series – CCIS 222: Revised Selected Papers from ICETE 2010 – the 7<sup>th</sup> Int. Joint Conf. on e-Business and Telecommunications; 26-28 July 2010; Athens, Greece  
 Издатель: Springer-Verlag  
 Година: 2012
  
29. **Technology-Independent Functionality Models for Road Traffic Systems**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of FIATS-M 2011 – the 1<sup>st</sup> Int. Workshop on Future Internet Applications for Traffic Surveillance and Management; 27-28 October 2011; Sofia, Bulgaria  
 Издатель: SCITEPRESS  
 Година: 2011
  
30. **On the Application of Autonomic and Context-aware Computing to Support Home Energy Management**  
 Авторы: Boris Shishkov, Martijn Warnier, Marten van Sinderen  
 Публ. в: Proceedings of ICEIS 2010 – the 12<sup>th</sup> International Conference on Enterprise Information Systems; 8-12 June 2010; Funchal, Portugal  
 Издатель: SCITEPRESS  
 Година: 2010

31. **Employees' Upskilling through Service-oriented Learning Environments**  
 Авторы: Boris Shishkov, Marten van Sinderen, Roberto Cavalcante  
 Публ. в: Proceedings of ICEIS 2010 – the 12<sup>th</sup> International Conference on Enterprise Information Systems; 8-12 June 2010; Funchal, Portugal  
 Издатель: SCITEPRESS  
 Година: 2010
  
32. **Methodological Support for the Design of Enterprise Information Systems with SDBS: Towards Distributed, Service-Oriented, and Context-Aware Solutions**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of I-WEST 2010 – the 4<sup>th</sup> International Workshop on Enterprise Systems and Technology; 24-25 July 2010; Athens, Greece  
 Издатель: SCITEPRESS  
 Година: 2010
  
33. **Service-Oriented Architecture for Household Energy Management**  
 Авторы: Marten van Sinderen, Martijn Warnier, Boris Shishkov  
 Публ. в: Proceedings of I-WEST 2010 – the 4<sup>th</sup> International Workshop on Enterprise Systems and Technology; 24-25 July 2010; Athens, Greece  
 Издатель: SCITEPRESS  
 Година: 2010
  
34. **Towards Flexible Inter-enterprise Collaboration: A Supply Chain Perspective**  
 Авторы: Boris Shishkov, Marten van Sinderen, Alexander Verbraeck  
 Публ. в: Proceedings of ICEIS 2009 – the 11<sup>th</sup> International Conference on Enterprise Information Systems; 6-10 May 2009; Milan, Italy  
 Издатель: Springer-Verlag  
 Година: 2009
  
35. **Enhancing Context Analysis with Intelligence in Providing e-Health Services - Less Infrastructure Dependency in Supporting Cardio-vascular Patients**  
 Авторы: Boris Shishkov, Alexander Verbraeck, Ing Widya  
 Публ. в: Proceedings of ICSOFT 2009 – the 4<sup>th</sup> International Conference on Software and Data Technologies; 26-29 July 2009; Sofia, Bulgaria  
 Издатель: SCITEPRESS  
 Година: 2009
  
36. **Service-Oriented Coordination Platform for Technology-Enhanced Learning**  
 Авторы: Boris Shishkov, Marten van Sinderen  
 Публ. в: Proceedings of I-WEST 2009 – the 3<sup>rd</sup> International Workshop on Enterprise Systems and Technology; 29-30 July 2009; Sofia, Bulgaria  
 Издатель: SCITEPRESS  
 Година: 2009
  
37. **Norm Analysis Supporting the Design of Context-Aware Applications**  
 Авторы: Boris Shishkov, Marten van Sinderen, Kecheng Liu, Hui Du  
 Публ. в: Proceedings of ICEIS 2008 – the 10<sup>th</sup> International Conference on Enterprise Information Systems; 12-16 June 2008; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2008
  
38. **Towards a Norm-Driven Design of Context-Aware e-Health Applications**  
 Авторы: Boris Shishkov, Hailiang Mei, Marten van Sinderen, Thijs Tonis  
 Публ. в: Proceedings of EHST 2008 – the 2<sup>nd</sup> International Workshop on e-Health Services and Technologies; 7 July 2008; Porto, Portugal  
 Издатель: SCITEPRESS  
 Година: 2008

39. **On the Design of Context-Aware Applications**  
 Авторы: Boris Shishkov, Marten van Sinderen  
 Публ. в: Proceedings of I-WEST 2008 – the 2<sup>nd</sup> International Workshop on Enterprise Systems and Technology; 23 May 2008; Enschede, The Netherlands  
 Издатель: SCITEPRESS  
 Година: 2008
  
40. **From User Context States to Context-Aware Applications**  
 Авторы: Boris Shishkov, Marten van Sinderen  
 Публ. в: Lecture Notes in Business Information Processing (LNBIP) Series – LNBIP 12: Revised Selected Papers from ICEIS 2007 – the 9<sup>th</sup> International Conference on Enterprise Information Systems; 12-16 June 2007; Funchal, Portugal  
 Издатель: Springer-Verlag  
 Година: 2008
  
41. **Combining SDBC and ISDL in the Modeling and Refinement of Business Processes**  
 Авторы: Boris Shishkov, Dick A.C. Quartel  
 Публ. в: Lecture Notes in Business Information Processing (LNBIP) Series – LNBIP 3: Revised Selected Papers from ICEIS 2006 – the 8<sup>th</sup> International Conference on Enterprise Information Systems; 23-27 May 2006; Paphos, Cyprus  
 Издатель: Springer-Verlag  
 Година: 2008
  
42. **Model-Driven Design of Context-Aware Applications**  
 Авторы: Boris Shishkov, Marten van Sinderen, Bedir Tekinerdogan  
 Публ. в: Proceedings of ICEBE 2007 – IEEE International Conference on e-Business Engineering; 24-26 October 2007; Hong Kong, China  
 Издатель: IEEE Computer Society  
 Година: 2007
  
43. **Model-Driven Design of Context-Aware Applications**  
 Авторы: Boris Shishkov, Marten van Sinderen  
 Публ. в: Proceedings of ICEIS 2007 – the 9<sup>th</sup> International Conference on Enterprise Information Systems; 12-16 June 2007; Funchal, Portugal  
 Издатель: SCITEPRESS  
 Година: 2007
  
44. **Closing the Business-Application Gap in SOA - Challenges and Solution Directions**  
 Авторы: Boris Shishkov, Jan L.G. Dietz, Marten van Sinderen  
 Публ. в: Proceedings of ICSOFT 2007 – the 2<sup>nd</sup> International Conference on Software and Data Technologies; 22-25 July 2007; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2007
  
45. **E-Health Services and Technologies - The Way Ahead**  
 Авторы: Boris Shishkov, Dimitri Konstantas, Joaquim Filipe  
 Публ. в: Proceedings of EHST 2007 – the 1<sup>st</sup> International Workshop on e-Health Services and Technologies; 22 July 2007; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2007
  
46. **A Framework for Smart Distribution of Bio-Signal Processing Units in M-Health**  
 Авторы: Hailiang Mei, Ing Widya, Tom Broens, Pravin Pawar, Aart van Halteren, Boris Shishkov, Marten van Sinderen  
 Публ. в: Proceedings of EHST 2007 – the 1<sup>st</sup> International Workshop on e-Health Services and Technologies; 22 July 2007; Barcelona, Spain  
 Издатель: SCITEPRESS  
 Година: 2007

47. **SOA-Driven Business-Software Alignment**  
 Авторы: Boris Shishkov, Marten van Sinderen, Dick A.C. Quartel  
 Публ. в: Proceedings of ICEBE 2006 – IEEE International Conference on e-Business Engineering; 24-26 October 2006; Shanghai, China  
 Издатель: IEEE Computer Society  
 Година: 2006
48. **Bridging the Language-Action Perspective and Organizational Semiotics in SDBC**  
 Авторы: Boris Shishkov, Jan L.G. Dietz, Kecheng Liu  
 Публ. в: Proceedings of ICEIS 2006 – the 8<sup>th</sup> International Conference on Enterprise Information Systems; 23-27 May 2006; Paphos, Cyprus  
 Издатель: SCITEPRESS  
 Година: 2006
49. **Refinement of SDBC Business Process Models Using ISDL**  
 Авторы: Boris Shishkov, Dick A.C. Quartel  
 Публ. в: Proceedings of ICEIS 2006 – the 8<sup>th</sup> International Conference on Enterprise Information Systems; 23-27 May 2006; Paphos, Cyprus  
 Издатель: SCITEPRESS  
 Година: 2006
50. **Applying Component-Based UML-Driven Conceptual Modeling in SDBC**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of ICEIS 2005 – the 7<sup>th</sup> International Conference on Enterprise Information Systems; 24-28 May 2005; Miami, Florida, USA  
 Издатель: SCITEPRESS  
 Година: 2005
51. **Applying SDBC in the Cultural-Heritage Sector**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of ICEIS 2005 – the 7<sup>th</sup> International Conference on Enterprise Information Systems; 24-28 May 2005; Miami, Florida, USA  
 Издатель: SCITEPRESS  
 Година: 2005
52. **Designing Cultural Heritage Sector Brokers Using SDBC**  
 Автор: Boris Shishkov  
 Публ. в: *International Journal “Information Theories & Applications” (IJ ITA)*, Vol. 11  
 Издатель: ITHEA  
 Година: 2004
53. **Design of Software Applications Using Generic Business Components**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of HICSS 2004 – the 37<sup>th</sup> Hawaii International Conference on System Sciences; 5-8 January 2004; Big Island, Hawaii, USA  
 Издатель: IEEE  
 Година: 2004
54. **Aligning Business Process Modeling and Software Specification in a Component-Based Way, The Advantages of SDBC**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of ICEIS 2004 – the 6<sup>th</sup> International Conference on Enterprise Information Systems; 14-17 April 2004; Porto, Portugal  
 Издатель: SCITEPRESS  
 Година: 2004

55. **Deriving Use Cases from Business Processes, the Advantages of DEMO**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Enterprise Information Systems (EIS) Series – EIS V: Selected Papers from ICEIS 2003 – the 5<sup>th</sup> International Conference on Enterprise Information Systems; 23-26 April 2003; Angers, France  
 Издатель: Kluwer Academic Publishers  
 Година: 2004
  
56. **Identifying Business Process Patterns Using Semantic Analysis**  
 Авторы: Boris Shishkov, Zhiwu Xie, Kecheng Liu, Jan L.G. Dietz  
 Публ. в: Virtual, Distributed and Flexible Organisations: Studies in Organizational Semiotics III  
 Издатель: Kluwer Academic Publishers  
 Година: 2004
  
57. **Deriving Use Cases from Business Processes, the Advantages of DEMO**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of ICEIS 2003 – the 5<sup>th</sup> International Conference on Enterprise Information Systems; 23-26 April 2003; Angers, France  
 Издатель: SCITEPRESS  
 Година: 2003
  
58. **DEMO-Based Business Engineering Building Blocks – from User Requirements to Use Case Derivation**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of SCI 2003 – the 7<sup>th</sup> World Multi-conference on Systemics, Cybernetics and Informatics; 27-30 July 2003; Orlando, Florida, USA  
 Издатель: IIS  
 Година: 2003
  
59. **Approach for Component-Based Software Specification – Using DEMO-UML Based Generic Components to Design a Tele-Work Brokerage System**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: IADIS *International Journal WWW/Internet*: IJWI, Vol. 1, nr. 1  
 Издатель: IADIS  
 Година: 2003
  
60. **Identifying Generic Business Processes Using Semantic Analysis**  
 Авторы: Boris Shishkov, Zhiwu Xie, Kecheng Liu, Jan L.G. Dietz  
 Публ. в: Proceedings of OS 2003 – the 6<sup>th</sup> International Workshop on Organizational Semiotics; 11-12 July 2003; Reading, UK  
 Издатель: University of Reading  
 Година: 2003
  
61. **Simulating the Dynamics of Business Components to be Used in Specifying Software Systems**  
 Авторы: Boris Shishkov, Joseph Barjis, Jan L.G. Dietz  
 Публ. в: Proceedings of SCSC 2003 – the 2003 Summer Computer Simulation Conference; 20-24 July 2003; Montreal, Quebec, Canada  
 Издатель: SCS  
 Година: 2003
  
62. **Deriving Use Cases from Business Process Models Developed Using Norm Analysis**  
 Авторы: Boris Shishkov, Zhiwu Xie, Kecheng Liu, Jan L.G. Dietz  
 Публ. в: Dynamics and Change in Organizations: Studies in Organizational Semiotics III  
 Издатель: Kluwer Academic Publishers  
 Година: 2003



63. **Business Engineering Building Blocks**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of CAiSE DC 2002 – the 9<sup>th</sup> Doctoral Consortium on Advanced Information Systems Engineering; 27-28 May 2002; Toronto, Ontario, Canada  
 Издатель: CAiSE  
 Година: 2002
  
64. **Modeling of e-Commerce Brokerage Systems Using UML**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of SAER 2002 – the 16<sup>th</sup> International Conference on Systems for Automation of Engineering and Research; 20-22 September 2002; Varna, Bulgaria  
 Издатель: Publishing House of the Union of Scientists of Bulgaria  
 Година: 2002
  
65. **Integrated Methodology Allowing Design of ICT Applications Based on Business Process Investigation**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of the IASTED International Conference on Applied Simulation and Modelling; 25-28 June 2002; Crete, Greece  
 Издатель: IASTED  
 Година: 2002
  
66. **Design of Tele-Work Brokerage Systems Using DEMO-UML Based Generic Components**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of the IADIS International Conference on WWW/Internet; 13-15 November 2002; Lisbon, Portugal  
 Издатель: IADIS  
 Година: 2002
  
67. **Modeling of e-Business Brokerage Systems Using UML and Petri Net**  
 Авторы: Boris Shishkov, Joseph Barjis  
 Публ. в: Proceedings of the 17<sup>th</sup> edition of the IFIP World Computer Congress; 25-30 August; Montreal, Quebec, Canada  
 Издатель: Kluwer Academic Publisher  
 Година: 2002
  
68. **Using Norm Analysis to Derive Use Cases from Business Processes**  
 Авторы: Boris Shishkov, Zhiwu Xie, Kecheng Liu, Jan L.G. Dietz  
 Публ. в: Proceedings of OS 2002 – the 5<sup>th</sup> International Workshop on Organizational Semiotics; 14-15 June 2002; Delft, The Netherlands  
 Издатель: TU Delft  
 Година: 2002
  
69. **Validation of Business Components via Simulation**  
 Авторы: Joseph Barjis, Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of SCSC 2002 – the 2002 Summer Computer Simulation Conference; 14-18 July 2002; San Diego, California, USA  
 Издатель: SCS  
 Година: 2002
  
70. **Application Potentials of Use Cases in Modeling of Telework Support Systems**  
 Авторы: Boris Shishkov, Joseph Barjis  
 Публ. в: Proceedings of SCI 2001 – the 5<sup>th</sup> World Multi-conference on Systemics, Cybernetics and Informatics; 22-25 July 2001; Orlando, Florida, USA  
 Издатель: IIS  
 Година: 2001

71. **Analysis of Suitability, Appropriateness and Adequacy of Use Cases Combined with Activity Diagram for Business Systems Modeling**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: Proceedings of ICEIS 2001 – the 3<sup>rd</sup> International Conference on Enterprise Information Systems; 7-10 July 2001; Setubal, Portugal  
 Издатель: SCITEPRESS  
 Година: 2001
  
72. **UML Based Business Systems Modeling and Simulation**  
 Авторы: Joseph Barjis, Boris Shishkov  
 Публ. в: Proceedings of EUROSIM 2001 – the International EUROSIM 2001 Congress; 26-29 June 2001; Delft, The Netherlands  
 Издатель: Rijksuniversiteit Groningen  
 Година: 2001
  
73. **Telematic Applications for Supporting Telework Related Activities**  
 Авторы: Joseph Barjis, Boris Shishkov  
 Публ. в: Proceedings of CSCWD 2001 – the 6<sup>th</sup> International Conference on Computer Supported Cooperative Work in Design; 12-14 July 2001; London, Ontario, Canada  
 Издатель: IEEE  
 Година: 2001
  
74. **Analysis of a System of Telecenters as a Distributed Network**  
 Авторы: Boris Shishkov, Joseph Barjis  
 Публ. в: Proceedings of SAER 2000 – the 14<sup>th</sup> International Conference on Systems for Automation of Engineering and Research; 18-20 September 2000; Varna, Bulgaria  
 Издатель: Publishing House of the Union of Scientists of Bulgaria  
 Година: 2000

### III. Отпечатани нереферирани публикации

75. **DEMO as an Essential Environment in Specifying Software Based on Business Components**  
 Автор: Boris Shishkov  
 Публ. в: Proceedings of the 1<sup>st</sup> DEMO Workshop; 3 July 2003; Tilburg, The Netherlands  
 Издатель: UVT  
 Година: 2003
  
76. **Introduction: Universe of Discourse**  
 Авторы: Boris Shishkov, Rene van Horik, Nadia Ayad  
 Публ. в: In: *Building blocks for Effective Telematic Application Development and Evaluation* (Book chapter)  
 Издатель: TU Delft  
 Година: 2002
  
77. **Towards Business Engineering Building Blocks**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: In: *Building blocks for Effective Telematic Application Development and Evaluation* (Book chapter)  
 Издатель: TU Delft  
 Година: 2002
  
78. **Modeling of e-Business Brokerage Systems Using DEMO and UML**  
 Авторы: Boris Shishkov, Jan L.G. Dietz  
 Публ. в: In: *Building blocks for Effective Telematic Application Development and Evaluation* (Book Chapter)  
 Издатель: TU Delft  
 Година: 2002

79. **Applying Regression Analysis in Support of Conducted Business Process Modeling in Holding ‘Sveta Sofia’ PLC**

Автор: Boris Shishkov  
Публ. в: *Technical Report*  
Издатель: Sofia University Press  
Година: 1999