Dr. Valentina Janev

PERSONAL INFORMATION

Date of Birth: February 22, 1967
Place of Birth: Gevgelija, Macedonia
Marital Status: Married, one son
Nationality: Macedonian
Languages: English, German, Slovenian, Serbian and Macedonian

Contact Address:

Dr Valentina Janev
Belgrade Metropolitan University, Tadeuša Košćuška 63, 11000 Beograd, Serbia

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CAREER SUMMARY

- *Current research interests*: Semantic Web, applications of semantic technologies and W3C standards in the knowledge management field, and knowledge management architectures for R&D organizations, e-government and emergency services.

- *Research experience:* knowledge management technologies, business information systems, robotics and biokibernetics, image processing

- *Consultancy in industry:* design, implementation and maintenance of many business information systems including government applications, business intelligence applications, customer relationship management applications, human resources management applications, control and transport of (pharmaceutical) materials

EDUCATION

2008-2011: PhD in Electrical Engineering

Thesis title: Use of semantic technologies for integration and search of expert data in research and development organizations. Mentor and examiners: prof. Sanja Vraneš, prof. Boško Nikolić, Dr. Mladen Stanojević. Place and date of defense: School of Electrical Engineering, University of Belgrade, Serbia, 30.06.2011. (ISCED 848) Topics: Semantic data processing, knowledge management.

1991-1994: MSc in Computer Science

Thesis title: Analysis of 3D human arm motion from a monocular image sequence. Mentor and examiners: prof. Jadran Lenarčić, prof. Franc Solina, prof. Stanislav Kovačić. Place and date of defense: Faculty of Electrical Engineering and Computer Science, University of Ljubljana, Slovenia, May 1994.(ISCED 747). Topics: Image processing, Robotics and biocybernetics

1985-1990: BSc in Electrical Engineering

Thesis title: Determination of 3D coordinates of a cube from a single perspective view using vanishing points. Mentor: Nikola Pavešić. Place and date of defense: Faculty of Electrical Engineering, University of Ljubljana, Slovenia, April 1990. (ISCED 646). Topics: Image processing, Robotics

EMLOYMENT HISTORY

Full-time Employment:

2013 - present	*Scientific associate,* "Mihajlo Pupin" Institute, Volgina 15, 11000 Belgrade, Serbia
2002 - 2013	*Researcher,* "Mihajlo Pupin" Institute, Volgina 15, 11000 Belgrade, Serbia
2002 - 2008	*Consultant,* "Mihajlo Pupin" Institute-Computer Systems, Volgina 15, 11000 Belgrade, Serbia
1999 - 2001	*Consultant,* SAS Institute, Detelova 2, 1000 Ljubljana, Slovenija
1996 - 1998	*Leading Software Engineer*, IBL Logis 1000 Ljubljana, Slovenija
1995 - 1996	*Guest Researcher / Assistant,* Technical University of Vienna , Austria
1991 - 1994	*Researcher Assistant*, Institute Jozef Štefan, Ljubljana

RESPONSIBILITIES OUTSIDE UNIVERSITIES

AREAS OF RESEARCH

Knowledge management technologies and applications (2004-):

- Semantic data processing, semantic technologies, ontology design, knowledge extraction rule systems, Linked Data; analysis and visualization services for Linked Data;
- HRM systems (competence management, expert finding approaches), e-government applications (semantic interoperability, faceted search, metadata management, portals);

Business information systems (1999-2011):

- Intelligent systems, data warehousing, ETL techniques, knowledge extraction; analysis and visualization techniques;
- CRM systems for financial industry and government, HRM systems;

Image processing, Robotics and biocybernetics (1990-1998):

- Navigation of mobile robots and in automated warehouses, 2D/3D sensing approaches, reconstruction of human motions

R&D PROJECTS

2016 – 2018	SlideWiki "Large-scale pilots for collaborative OpenCourseWare authoring, multiplatform delivery and Learning Analytics", financed by the European Commission, HORIZON 2020, IA, GA Number 688095. <u>*Role:*</u> research, team member, pilot application, dissemination activities.
2012-2015	GeoKnow "Making the web an exploratory place for geospatial data", financed by the European Commission, FP7, STREP, 2012-2015, GA Number 611845. <u>*Role:*</u> research, task leader, system analysis and design, pilot application, dissemination activities
2014-2016	SHARE-PSI "The network for innovation in European public sector information", financed by the European Commission, CIP-Thematic Network, 2014-2016, GA Number 621012. Responsibilities: ICT expert, member of programme committee for 2 workshops. <u>*Role:*</u> research, dissemination activities
2014-2016	PACINNO "Platform for trans-Academic Cooperation in Innovation", financed by the European Commission, Adriatic IPA CBC, 2014-2016, GA Number 1°str./0003/0. <u>*Role:*</u> research, member of expert groups, analysis of innovation policies

2011-2013	FORSEE "Regional ICT Foresight exercise for Southeast European countries", financed by the European Commission, SEE – TCP, 2011-2013. _Role:_ ICT Expert, ICT Foresight exercise
2014	NoSQL-Net "Managing linked data in NoSQL stores under schema evolution", BMBF, 2014. _Role:_ research, Pilot applications, Workshop organization
2010-2014	LOD2 "Creating Knowledge out of Interlinked Data", financed by the European Commission, FP7, IP, 2010-2014, GA 257943. _Role:_ research, task leader, system analysis and design, pilot application, dissemination activities
2013-2016	GenderTime "Transferring Implementing Monitoring Equality", financed by the European Commission, FP7, CSA, 2013-2016, GA Number 321491. _Role:_ research, work package leader, system analysis and design, dissemination activities
2012-2015	SOFIA "Software Framework for Intelligent and Adaptive Management of Complex Facilities", Pr. No: TR-32010, 2012-2015. _Role:_ research, team member, system analysis / design / implementation, dissemination activities.
2009-2011	HELENA "Higher Education Leading to Engineering and scientific careers", financed by the European Commission, FP7, Collaborative project, 2009-2011, GA Number 230376. _Role:_ research, team member, system analysis and design, dissemination activities
2010-2012	EMILI "Emergency Management in Large Infrastructures", financed by the European Commission, FP7, Capability Project, 2010-2012, GA Number 242438. _Role:_ research, team member, system analysis and design, dissemination activities.
2008-2011	AMICA "Adaptive Middleware for Intelligent Context Aware Systems", Pr. No: TR-13004, financed by the Ministry of Science and Technological Development of the Republic of Serbia, 2008-2011. _Role:_ research, team member, system analysis / design / implementation, dissemination activities.
2007-2009	Web4Web "Web technologies for West Balkan countries", financed by the European Commission, FP6, INCO-CT-2007-043619, 2007-2009. _Role:_ research, team member, system analysis / design / implementation, dissemination activities, dissemination activities.
2002-2004	Decision support system for SME, Pr. No. IT.1.24.0041.A, financed by the Ministry of Science and Environmental Protection of the Republic of Serbia, 2002-2004. _Role:_ research, member, system analysis / design / implementation, dissemination activities.
2005-2007	Software systems for sustainable technological development, Pr. No. TR-6103, financed by the Ministry of Science and Environmental Protection of the Republic of Serbia, 2005-2007. _Role:_ research, team member, system analysis / design / implementation, dissemination activities.
1995-1996	S7000-MAT Theory and Applications of Digital Image Processing and Pattern Recognition, Pattern Recognition and Image Processing Group, Department of Automation, Vienna University of Technology, Austria,1995-1996. _Role:_ research
1993-1994	P2-5094-106 Study, development and use of bio-robots, Automation, Biocybernetics and Robotics, Institute Jožef Stefan, Slovenija, 1993-1994. _Role:_ research
1992	JEP-2296-91/92 Image processing in medicine and robotics, Joint TEMPUS project (Institut Jožef Stefan, Slovenija and Dept. of Medical Physics, University College London), 1992. _Role:_ research
1991-1992	C2-1529 Manufacturing cybernetics, Manufacturing Systems and Robotics, Automation, Biocybernetics and Robotics, Institut Jožef Stefan, Slovenija, 1991-1992. _Role:_ research

INDUSTRIAL PROJECTS

(Projects done for specific industrial enterprises)

2008: Project*:* SAP/HCM "Human resource management", client Institute Mihajlo Pupin, 2008.

> *Role:* System analysis, design, development, testing, training end-users

> *The goal of the project:* Introducing SAP/HCM in the Institute, development of a custom SAP-based solution for R&D organizations for tracking the expertise and competences of researchers, importing the HRM documentation from the old system AMADEUS, providing interface between SAP/HRM and existing applications (KAZA), providing training for end-users.

2005: Project*:* KADROVI "Human resource management", client The Road Directorate of Serbia, 2005.

> *Role:* System analysis, design, development, testing, training end-users

> *The goal of the project:* Introducing the KAZA application in the Road Directorate, customization and providing training to end-users

2004 - 2005: Project*:* SMIP "SMIP information system, Human resource management", client Serbian Government: Ministry of Foreign Affairs of Serbia & Montenegro, 2004-2005.

> *Role:* System analysis, design, development, testing, training end-users

> *The goal of the project:* development of the KAZA application, Introducing the application in the Ministry, customization and providing training to end-users

2001: Project*:* Data Warehousing Project "Automation of System of National Accounts", client State Statistical office of Macedonia, Macedonia, 2001. Responsibilities:

> *Role:* education services, consulting services (data warehouse design and implementation)

> *The goal of the project:* development of a data-warehouse in the Department for national accounts and automation of statistician tasks (collecting, merging, reporting)

2000: Project*:* Customer Relationship Management Project, client Triglav Insurance Company, Murska Sobota, Slovenia, 2000. Responsibilities:

> *Role: consulting (design and implementation of Internet application)*

> *The goal of the project:* development of risk analysis and reporting application

1997-1998: Project*:* "Control and transport of (pharmaceutical) materials", client KRKA Novo Mesto, Slovenia, 1997-1998.

> *Role:* system design, development and testing

> *The goal of the project:* the software application was a part of bigger project aimed at automation of a warehouse of pharmaceutical materials

1996-1997: Project*:* "Control and transport of (pharmaceutical) materials", client LEK Prevalje, Slovenia , 1996-1997.

> *Role:* system design, development and testing

> *The goal of the project:* the software application was a part of bigger project aimed at automation of a warehouse of pharmaceutical materials

SOFTWARE ENGINEERING SKILL DEVELOPED

- *Object-oriented analysis and design:* Use-case analysis and design of object-oriented systems using SparxSystems tool Enterprise Architect and IBM Rational Rose. Design of object-oriented systems and their architecture.

- *Web technologies:* HTML, XML, XSLT, RDF, OWL, SPARQL

- *Programming* with C++, Java, Fortran, Microsoft Access using the VBA language, SAS language

- *Relational Database Management Systems (RDBMS):* database schema design, SQL, JDBC

- *Development of knowledge-based systems* based on semantic and expert system technology (RDF triple stores, TopBraid SPIN rule language, SPARQL-based rules, ESPER). *Experience with* semantic tools (OpenLink tools, PoolParty Semantic suite, SILK interlinking tools, other Linked Data tools

- *Development of Business Information Systems. Experience with* MS SQL Server 2000 database, MS development tools; SAS development tools (SAS/EM, SAS/WA, SAS/EIS, SAS/MDDB, SAS Base); ORACLE RDBMS, ORACLE tools; SAP/Human Capital management module

TEACHING ACTIVITIES (UNIVERSITIES / COMPANIES)

Teaching Activity

SAS Institute, Ljubljana, Slovenia (1999-2001):
- SAS Programming
- SAS Enterprise Guide

AWARDS AND RECOGNITIONS

2010 *Nagrada Instituta Mihajlo Pupin* za izuzetne rezultate ostvarene u 2010. Na dva projekta Sedmog Okvirnog Programa Evropske Unije EMILI i HELENA

1992 *Priznanje Slovenačke sekcije IEEE* za rad i osvojeno drugo mesto na studentskom takmičenju u Portorožu 29.09.1992

1990 *Posebno priznanje Dekana Fakulteta za elektrotehniku* u Ljubljani za odličan konačni rezultat studiranja (izdato 13.12.1990)

PUBLISHED BOOKS

1. Janev, V., Vraneš, S., Semantic Web Tools and Technologies for Competence Management: The Case Study of R&D Organization, монографија прихваћена за објављивање, LAP LAMBERT Academic Publishing GmbH & Co. KG, 2011. ISBN: 978-3-8454-4166-5.

PUBLISHED CHAPTERS IN BOOKS

2. Janev, V., Vraneš, S. (2015) Semantic Web. In Phillip A. Laplante (Ed) Encyclopedia of Information Systems and Technology, DOI: 10.1081/E-EIST-120048807. Taylor & Francis.
3. Van Nuffelen, B., Janev, V., Martin, M., Mijovic, V., Tramp, S. (2014) Supporting the Linked Data Life Cycle Using an Integrated Tool Stack. In S. Auer, V. Bryl, S. Tramp (Eds) Linked Open Data -- Creating Knowledge Out of Interlinked Data. Lecture Notes in Computer Science vol. 8661, pp. 108–129. Springer International Publishing. ISBN: 978-3-319-09845-6 (Print) 978-3-319-09846-3 (Online)

4. Sander Van der Waal, S., Węcel, K., Ermilov, I., Janev, V., Milošević, U., Wainwright, M. (2014) Lifting Open Data Portals to the Data WebIn S. Auer, V. Bryl, S. Tramp (Eds) Linked Open Data - - Creating Knowledge Out of Interlinked Data. Lecture Notes in Computer Science vol. 8661, pp. 175–195. Springer International Publishing. ISBN: 978-3-319-09845-6 (Print) 978-3-319-09846-3 (Online)

5. Janev, V., Vraneš, S. (2012) Building expert profiles models applying Semantic Web technologies. In C. Kalloniatis (Ed.) Security enhanced applications for information systems, InTech (2012), pp. 209-224, ISBN 978-953-51-0643-2, http://www.intechopen.com/books/security-enhanced-applications-for-information-systems/building-expert-profiles-models-applying-semantic-web-technologies

6. Janev, V., Duduković, J., & Vraneš, S. (2010). Semantic Web based integration of knowledge resources for expertise finding. In M. M. Cruz-Cunha (Ed.) Social, Managerial, and Organizational Dimensions of Enterprise Information Systems (pp. 496-515). Hershey-New York: IGI-Global. ISBN: 9781605668567. DOI: 10.4018/978-1-60566-856-7.

7. Janev, V., & Vraneš, S. (2007). Integration of knowledge resources at R&D organizations: The case of the "Mihajlo Pupin" Institute. In M. C. Cunha, B. C. Cortes, G.Putnik (Eds.) Adaptive technologies and business integration: Social, Managerial and Organizational dimensions (pp. 263-280). Hershey, PA; London: Idea Group Publishing. ISBN: 9781599040486. DOI: 10.4018/978-1-59904-048-6.

8. Grammar, K., Filova, V., & Fieder, M. (1997). The communication paradox and possible solutions: towards a radical empiricism. In A. Schmit et all. (Eds.) Advances in Human Ethology (pp. 91-120). London:Plenum Press, London. DOI: 10.1007/978-0-585-34289-4_6.

PUBLISHED PAPERS

International scientific journals

9. Janev, V., & Vraneš, S. (2011). Applicability assessment of Semantic Web technologies. Information Processing & Management 47:507–517, 2011. ISSN: 0306-4573. http://dx.doi.org/10.1016/j.ipm.2010.11.002.

10. Filova, V., Solina, F., & Lenarčič, J. (1998). Automatic reconstruction of 3D human arm motion from a monocular image sequence. Machine Vision and Applications - an International Journal 10: 223–231. ISSN: 0932-8092. DOI: 10.1007/s001380050074.

11. Janev, V., & Vraneš, S. (2011). Ontology-based competency management: the case study of the "Mihajlo Pupin" Institute. Journal of Universal Computer Science 17(7):1089-1108.. http://www.jucs.org/jucs_17_7/ontology_based_competency_management

12. Janev, V., & Vraneš, S. (2005). The role of knowledge management solutions in enterprise business processes. Journal of Universal Computer Science 11(4):526-546. A publication of the Know-Center in cooperation with Springer Co.Pub., JOANNEUM RESEARCH and the IICM, Graz University of Technology. ISSN: 0948-695X. http://www.jucs.org/jucs_11_4/the_role_of_knowledge/Janev_V.pdf

13. Janev, V., & Vraneš, S. (2009). Semantic Web technologies: Ready for adoption? IEEE IT Professional, September/October, 8-16. IEEE Computer Society. ISSN: 1520-9202. http://doi.ieeecomputersociety.org/10.1109/MITP.2009.107.

14. Janev, V., Duduković, J., & Vraneš, S. (2009). Semantic Web based integration of knowledge resources for expertise finding. International Journal of Enterprise Information Systems 5(4): 53-70. Hershey, PA: IGI Global, Information Resources Management Association. ISSN: 1548-1115. DOI: 10.4018/jeis.2009090204.

15. Janev, V., Duduković, J., Jovanović, J., & Vraneš, S. (2009). Web4WeB e-collaboration tools. ComSiS - Computer Science and Information Systems 6(1). The ComSIS Consortium. ISSN: 1820-0214. UDC 004.738.52, DOI: 10.2298/CSIS0901141J. http://www.doiserbia.nb.rs/img/doi/1820-0214/2009/1820-02140901141J.pdf

16. Janev, V., Đokić, A., Minić, M., & Vraneš, S. (2008). Knowledge management in the HR sector of R&D organizations. WSEAS Transactions on Information Science and Applications 5(7):1160-1169. ISSN: 1790-0832. http://www.wseas.us/e-library/transactions/information/2008/27-467.pdf

17. Janev, V., Marjanov, Z., & Jovanović Babić J. (2004). Rukovođenje orjentisano na kupca - poslovna strategija, softverska rešenja i aplikacije. Industrija- Časopis Ekonomskog instituta Beograd XXXII(1-2) (str. 51-60). Ekonomski Institut - Beograd, Srbija i Crna Gora. http://scindeks.nb.rs/article.aspx?artid=0350-03730402051J

18. Janev, V., & Vraneš, S. (2010). Applicability assessment of Semantic Web technologies in Human Resources domain. Information Resources Management Journal, 23(3):27-43, 2010. ISSN: 1040-1628. DOI: 10.4018/IRMJ.

19. Janev, V., & Vraneš, S. (2009). Integration of knowledge resources in R&D organizations: A Human Resource Management Perspective. Journal of Information Technology Research, 2(3):35-48. ISSN: 1938-7857. DOI: 10.4018/JITR.

20. Janev, V., & Vraneš, S. (2005). Comparative analysis of commercial knowledge management solutions and their role in enterprises. Journal of Information and Knowledge management 4(2): 71-81, June 2005. iKMS & World Scientific Publishing Co. ISSN: 0219-6492. DOI: 10.1142/S0219649205001067.

International scientific conferences

21. Janev, V., Mijović, V., Vraneš, S. (2016) Statistical Metadata Management in European eGovernment Systems, In Zdravković, M., Trajanović, M., Konjović, Z. (Eds) Proceedings of the 6th International Conference on Information Society Technology (February 28-March 02, 2016, Kopaonik, Serbia), Society for Information Systems and Computer Networks

22. Mijović, V., Janev, V., Vraneš, S. (2016) Transformation and Analysis of Spatio-Temporal Statistical Linked Open Data with ESTA-LD, In Zdravković, M., Trajanović, M., Konjović, Z. (Eds) Proceedings of the 6th International Conference on Information Society Technology (February 28-March 02, 2016, Kopaonik, Serbia), Society for Information Systems and Computer Networks.

23. Janev, V., Mijović, V., Vraneš, S. (2015), Linked Data Approach to the PSI Directive Implementation: Supporting Tools and Lessons Learned, In Proc. of 23rd Telecommunications Forum (TELFOR, 2015, Belgrade, Serbia, November 24-26) . DOI: 10.1109/TELFOR.2015.7377592

24. Janev, V., Vraneš, S., Paunović, D. (2015): Structural changes, gender and research and innovation potential: Case study in the ICT domain, In Rakesh Kumar (Ed) Proceedings of the Second International Conference on Advances in Management, Economics and Social Science (MES 2015, Rome, Italy, April 18-19, 2015), pp. 6 – 10. Institute of Research Engineers and Doctors,USA, ISBN no.978-1-63248-046-0, http://www.seekdl.org/nm.php?id=5978

25. Mijović, V., Janev, V., Paunović, D. (2015) ESTA-LD: enabling spatio-temporal analysis of linked statistical data, In Zdravković, M., Trajanović, M., Konjović, Z. (Eds) Proceedings of the 5th International Conference on Information Society Technology (March 8-March 11, 2015, Kopaonik, Serbia), Society for Information Systems and Computer Networks, http://www.yuinfo.org/icist2015/Proceedings_ICIST_2015.pdf.

26. Janev, V., Mijović, V., Paunović, D., Milošević, U., (2014), Modeling, Fusion and Exploration of Regional Statistics and Indicators with Linked Data tools. In Kő, Andrea, Francesconi, Enrico (Eds.) Electronic Government and the Information Systems Perspective. Proceedings of the Third International Conference, EGOVIS 2014 (Munich, Germany, September 1-3, 2014). Lecture Notes in Computer Science vol. 8650, Pages 208-221. Springer International Publishing, DOI 10.1007/978-3-319-10178-1, ISBN: 978-3-319-10177-4 (print), 978-3-319-10178-1 (Online), Series ISSN 0302-9743

27. Paunović, D., Janev, V., Mijović, V. (2014) Exploratory Spatio-Temporal Analysis tool for Linked Data. In Z. Jakšić et all. (Eds) Proceedings of 1st International Conference on Electrical, Electronic and Computing Engineering (Vrnjačka Banja, Serbia, June 2-5, 2014), Pages RTI1.2.1-6. Society for ETRAN, ISBN 978-86-80509-70-9

28. Mijović, V., Janev, V., Vraneš, S. (2013) Main Challenges in Using LOD in Emergency Management Scenarios, In: Proceedings of the 3rd International Workshop on Information Systems for Situation Awareness and Situation Management, pp. 21-25 (ISSASiM '13 in conjunction with the 24th International Conference on Database and Expert Systems Applications - DEXA 2013, Prague, Czech Republic, August 26 - 29, 2013). Danvers, MA: IEEE Computer Society. (2013) ISBN 978-0-7695-5070-1

29. Janev, V., Mijović, V., Vraneš, S. (2013) LOD2 Tool for Validating RDF Data Cube Models, In V. Trajkovik, A.Mishev (Eds) Web Proceedings of 5th ICT Innovations Conference 2013, (Ohrid, Macedonia, September 12-15, 2013). Published on-line by Macedonian Society on Information and Communication Technologies, pp. 1-9, ISSN 1857-7288. http://ict-act.org/proceedings/2013/htmls/papers/icti2013_submission_01.pdf

30. Milošević, U., Janev, V., Vraneš, S. (2013) I18N of Linked Data tools with respect to Western Balkan languages, In: Proceedings of the 3nd International Conference on Information Society Technology (March 3, 2013 – March 6, 2013), Kopaonik, Serbia. ISBN 978-86-85525-12-4

31. Janev, V., Mijović, V., Tomašević, N., Kraus, L., Vraneš, S. (2012). Dynamic Workflows For Airport Emergency Management Training. In A. Hameurlain, A. M. Tjoa, R.R. Wagner (Eds.) Proceedings of 2nd International Workshop on Information Systems for Situation Awareness and Situation Management (ISSASiM '12) in conjunction with the 23rd International Conference on Database and Expert Systems Applications (DEXA 2012,3 September 2012, Vienna, Austria), pp. 3-9. Danvers, MA: IEEE Computer Society, ISBN 978-0-7695-4801-2.

32. Kraus, Lydia and Janev, V. and Vranes, S. (2012) Different Approaches to ICT-enhanced Emergency Management. In Proceedings of the 56th conference for Electronics, Telecommunications, Computers, Automation and Nuclear Engineering – ETRAN, VI2.7–1–4, Zlatibor, Serbia, ETRAN Society, 978-86-80509-67-9.

33. Janev, V., Milošević, U., Spasić, M., Vraneš, S., Milojković, J., Jireček, B. (2012) "Integrating Serbian Public Data into the LOD Cloud", In Z. Budimac, M. Ivanović, M. Radovanović (Eds.) Proceedings of 5th Balkan Conference in Informatics (BCI'12, September 16–20, 2012, Novi Sad, Serbia), pp.94-99. New York: ACM International Conference Proceeding Series VOL. 641. ISBN: 978-86-7031-265-4

34. Janev, V., Milošević, U., Spasić, M., Milojković, J., Vraneš, S. (2012) Linked Open Data Infrastructure for Public Sector Information: Example from Serbia, In S. Lohmann, T. Pellegrini (Eds.) Proceedings of the 8th Int. Conference on Semantic Systems September (I-SEMANTICS 2012, 5-7, 2012, Messecongress Graz, Austria). CEUR Workshop Proceedings (CEUR-WS.org). ISBN: 978-1-4503-1112-0

35. Vraneš, S., Stanojević, M., Janev, V., Mijović, V., Tomašević, N., Kraus, L., Ilić, Z. (2011). Application of Complex Event Processing Paradigm in Situation Awareness and Management. In Proceedings of DEXA 2011: 22nd International Conference on Database and Expert Systems Applications, IEEE Computer Socieety Press, ISBN-13:978-0-7695-4486, pp.289-293, Touluse, France, August 2011.

36. Stojilović, M., Filiposka, S., Krsteska, A., Vidosavljević, A., Janev, V., & Vraneš S. (2011). Students' perception of IT curricula and career opportunities in Serbia and Macedonia. In Proceedings of the International Conference GIEE 2011, Gender and Interdisciplinary Education for Engineers, Paris, France, June 23-24, 2011. http://www.fp7-helena.org/CONFERENCE2011/Livret%20abstracts.pdf

37. Mijović, V., Tomašević, N., Janev, V., Stanojević, M., & Vraneš, S. (2011). Ontology Enabled Decision Support System for Emergency Management at Airports. In Proceedings of the I-SEMANTICS 2011, International Conference on Semantic Systems, Graz, Austria, September 7-9, 2011. http://i-semantics.tugraz.at/scientific-track/accepted-papers

38. Janev, V., Duduković, J. & Vraneš, S. (2011). HELENA software for curricula analysis. In Proceedings of the International Conference GIEE 2011, Gender and Interdisplinary Education for Engineers, Paris, France, June 23-24, 2011. http://www.fp7-helena.org/CONFERENCE2011/Leaflet_of_abstracts_for_posters.pdf

39. Janev, V., Mijović, V., & Vraneš, S. (2010). Automatic extraction of ICT competences from unstructured sources. In J.E. Quintela Varajão et al. (Eds.), Proceedings of the CENTERIS 2010 - International Conference on ENTERprise Information Systems, Part II, CCIS 110, pp.391-400, Berlin-Heidelberg: Springer-Verlag, 2010. ISSN: 1865-0929. http://www.eiswatch.org/centeris2010/index.php?p=program

40. Janev, V., & Vraneš, S. (2010). Utilizing Semantic Web tools and technologies for competency management. In K. Tochtermann, H. Maurer (Eds.), Proceedings of the I-KNOW 2010, J.UCS, pp. 403-415, 2010. ISSN: 0948-695X. http://knowminer.at/corpi/iknow-papers/data-2000-2010/pdf/utilizing_semantic_web_tools_and_technologies.pdf

41. Janev, V., & Vraneš, S. (2009). The applicability of semantic technologies in enterprise information systems. In M.M. Cruz-Cunha et al (Eds.), Proceedings of the CENTERIS 2009 - International conference Conference on ENTERprise Information Systems, pp. 499-521, Ofir, Portugal. ISBN: 978-972-669-929-6. http://www.eiswatch.org/centeris2009/index.php?p=program

42. Janev, V., & Vraneš, S. (2009). Maturity and applicability assessment of Semantic Web technologies. In A. Paschke et al. (Eds.), Proceedings of the I-SEMANTICS, International Conference on Semantic Systems (pp. 530-541), Journal of Universal Computer Science (J.UCS), ISSN 0948-695x, Graz, Austria. http://i-semantics.tugraz.at/2009/papers/maturity_and_applicability_assessment.pdf

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