

PERSONAL INFORMATION

Valentina Janev

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Sex Female | Date of birth 22/02/1967 | Nationality Serbian, Macedonian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

FRAUNHOFER-PUPIN JPO

WORK EXPERIENCE

2013 - present

Scientific associate“Mihajlo Pupin” Institute, Volgina 15, 11000 Belgrade, Serbia, <http://www.pupin.rs/en/>

Member of research staff of many R&D projects

Business or sector Public sector – Research and Development

2002 - 2013

Researcher“Mihajlo Pupin” Institute, Volgina 15, 11000 Belgrade, Serbia, <http://www.pupin.rs/en/>

Member of research staff of many R&D projects

Business or sector Public sector – Research and Development

- GeoKnow "*Making the web an exploratory place for geospatial data*", financed by the European Commission, FP7, STREP, 2012-2015, GA Number 611845. Responsibilities: task leader, system analysis and design, dissemination activities
- 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: member of programme committee for 2 workshops. dissemination activities
- PACINNO "*Platform for trans-Academic Cooperation in Innovation*", financed by the European Commission, Adriatic IPA CBC, 2014-2016, GA Number 1°str./0003/0. Responsibilities: member of expert groups, analysis of innovation policies
- LOD2 "*Creating Knowledge out of Interlinked Data*", financed by the European Commission, FP7, IP, 2010-2014, GA 257943. Responsibilities: task leader, system analysis and design, dissemination activities
- GenderTime "*Transferring Implementing Monitoring Equality*", financed by the European Commission, FP7, CSA, 2013-2016, GA Number 321491. Responsibilities: work package leader, system analysis and design, dissemination activities
- HELENA "*Higher Education Leading to Engineering and scientific careers*", financed by the European Commission, FP7, Collaborative project, 2009-2011, GA Number 230376. Responsibilities: team member, system analysis and design, dissemination activities
- EMILI "*Emergency Management in Large Infrastructures*", financed by the European Commission, FP7, Capability Project, 2010-2012, GA Number 242438. Responsibilities: team member, system analysis and design, dissemination activities.
- Web4Web "*Web technologies for West Balkan countries*", financed by the European Commission, FP6, INCO-CT-2007-043619, 2007-2009. Responsibilities: team member, Responsibilities: team member, system analysis / design / implementation, dissemination activities, dissemination activities.
- 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. Responsibilities: team member, system analysis / design / implementation, dissemination activities.
- 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. Responsibilities: team member, system analysis / design / implementation, dissemination activities.
- 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. Responsibilities: team member, system analysis / design / implementation, dissemination activities.
- SOFIA "*Software Framework for Intelligent and Adaptive Management of Complex Facilities*", Pr. No: TR-32010, 2012-2015. Responsibilities: team member, system analysis / design / implementation, dissemination activities.

2002 - 2008

Consultant

"Mihajlo Pupin" Institute-Computer Systems, Volgina 15, 11000 Belgrade, Serbia,
<http://www.pupin.rs/en/>

Member of engineering staff on few commercial projects

Business or sector

Public sector – Software Engineering

- KADROVI "*Human resource management*", client *The Road Directorate of Serbia*, 2005. Responsibilities: System analysis, design, development and testing
- SMIP "*SMIP information system, Human resource management*", client *Serbian Government: Ministry of Foreign Affairs of Serbia & Montenegro*, 2004. Responsibilities: System analysis, design, development and testing
- SAP/HCM "*Human resource management*", client *Institute Mihajlo Pupin*, 2008. Responsibilities: System analysis, design, development and testing

1999 - 2001	Consultant SAS Institute, Detelova 2, 1000 Ljubljana, Slovenija, http://www.sas.com/en_si/company-information.html Member of technical staff on few commercial projects, sales support Business or sector Business sector – Software Engineering <ul style="list-style-type: none">▪ Data Warehousing Project “<i>Automation of System of National Accounts</i>”, client <i>State Statistical office of Macedonia, Macedonia</i>, 2001. Responsibilities: education services, consulting services (data warehouse design and implementation)▪ <i>Customer Relationship Management</i> Project, client <i>Triglav Insurance Company, Murska Sobota, Slovenia</i>, 2000. Responsibilities: consulting services (design and implementation of Internet application)
1996 - 1998	Leading Software Engineer IBL Logis 1000 Ljubljana, Slovenija Member of technical staff on few commercial projects Business or sector Business sector – Software Engineering <ul style="list-style-type: none">▪ “<i>Control and transport of (pharmaceutical) materials</i>”, client <i>KRKA Novo Mesto, Slovenia</i>, 1997-1998. Responsibilities: system design, development and testing▪ “<i>Control and transport of (pharmaceutical) materials</i>”, client <i>LEK Prevalje, Slovenia</i> , 1996-1997. Responsibilities: system design, development and testing
1995 - 1996	Guest Researcher Technical University of Vienna , Austria Member of scientific staff on R&D projects Business or sector Public sector – High Education <ul style="list-style-type: none">▪ S7000-MAT <i>Theory and Applications of Digital Image Processing and Pattern Recognition</i>, Pattern Recognition and Image Processing Group, Department of Automation, Vienna University of Technology, Austria,1995-1996.
1991 - 1994	Researcher Assistant Institute Jozef Štefan, Ljubljana, Slovenia, http://www.ijs.si/ijsw/JSI Member of research staff on R&D projects Business or sector Public sector – Research and Development <ul style="list-style-type: none">▪ C2-1529 <i>Manufacturing cybernetics, Manufacturing Systems and Robotics, Automation, Biocybernetics and Robotics</i>, Institut Jožef Stefan, Slovenija, 1991-1992.▪ JEP-2296-91/92 <i>Image processing in medicine and robotics</i>, Joint project (Institut Jožef Stefan, Slovenija and Dept. of Medical Physics, University College London), 1992.▪ P2-5094-106 <i>Study, development and use of bio-robots, Automation, Biocybernetics and Robotics</i>, Institute Jožef Stefan, Slovenija, 1993-1994.

EDUCATION AND TRAINING

2008-2011	PhD in Electrical Engineering Thesis title: <i>Use of semantic technologies for integration and search of expert data in research and development organizations</i> . Mentor and examiners: prof. Sanja Vraneš, prof. Boško Nikolić, Dr. Mladen Stanojević. Place and date of defence: School of Electrical Engineering, University of Belgrade, Serbia, 30.06.2011. (ISCED 848) <ul style="list-style-type: none">▪ Semantic data processing, knowledge management	PhD
2008-2011	MSc in Computer Science	MSc

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 defence: Faculty of Electrical Engineering and Computer Science, University of Ljubljana, Slovenia, May 1994. (ISCED 747)

- 2008-2011 **BSc in Electrical Engineering** BSc
- Thesis title: *Determination of 3D coordinates of a cube from a single perspective view using vanishing points*. Mentor: Nikola Pavešić. Place and date of defence: Faculty of Electrical Engineering, University of Ljubljana, Slovenia, April 1990. (ISCED 646)
- Image processing, Robotics and biocybernetics
 - Image processing, Robotics

PERSONAL SKILLS

Mother tongue(s) Macedonian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Serbian	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
Slovenian	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
German	A2	A2	A1	A1	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- good oral and written communication skills gained through my experience as sales support (SAS Institute), member of EU consortiums (8 projects)
- good presentation skills gained through dissemination activities on EU projects, as well as education activities (SAS teacher)

Organisational / managerial skills

- Coordination and administration of people (SAP/HCM system), projects and budgets (MS Project)
- Organization of seminars and workshops at international conferences (DEXA 2014, DEXA 2015, ICIST 2015)

Job-related skills

- Acted as a reviewer of respectable international journals including Artificial Intelligence Review (Springer), International Journal on Semantic Web and Information Systems (IGI Global), International Journal of Digital Earth (Taylor & Francis), Information Systems Management (Taylor & Francis), International Journal of Intelligent Information Systems (Science Publishing Group) and American Journal of Software Engineering and Applications (Science Publishing Group).
- Scientific writing skills (book and around 70 papers as journal, book, conference, and workshop contributions)

Computer skills

- High ICT skills
- Experience with MS SQL Server 2000 database, MS development tools - MS Access Project; SAS development tools (SAS/EM, SAS/WA, SAS/EIS, SAS/MDBB, SAS Base); ORACLE RDBMS, ORACLE tools, Enterprise Architect, Power Builder, C++
- Experience with SAP/Human Capital management
- Experience with Wolfram Mathematica
- Experience with MS Project
- Understanding of MS Windows and UNIX operating systems

Other skills

- Experience in preparation and performance public courses and seminars (technically and business oriented).

Driving licence

- B type (car driving)

ADDITIONAL INFORMATION

Annex 1 :Valentina Janev:

Bibliography

Books and Monographs

- [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.
- [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., Emilov, 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.

International scientific journals

- [1] 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>.
- [2] 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.
- [3] 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
- [4] 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
- [5] 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.ieeecomputerociety.org/10.1109/MITP.2009.107>.
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- [7] 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>
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International scientific conferences

- [1] 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>
- [2] 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.
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- [4] 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
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- [9] 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
- [10] 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
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- 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>
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