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LAMBDA Deliverable 1.6
PUPIN peer-reviewed publications in Big Data Analytics domain

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Dissemination Level		
PU	Public	x
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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Author(s)	Valentina Janev
Contributor(s)	
Internal Reviewer(s)	
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Workpackage	WP 1 Project Management
Responsible for WP	Institute Mihajlo Pupin
Deliverable Lead	Valentina Janev
Related Tasks	Task 1.3 Quality control, risk management and self-assessment

Document History and Contributions

Version	Date	Author(s)	Description
0.1		Valentina Janev	
0.2			
0.4			
0.5			

Executive Summary

This deliverable is a one-page statement that PUPIN has declared the peer-reviewed publications in the Big Data and Analytics domain published by PUPIN staff in the last three years preceding the start date of LAMBDA.

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1 Publications

The LAMBDA (**L**earning, **A**pplying, **M**ultiplying **B**ig **D**ata **A**nalytics) project, http://www.project-lambda.org/, has initiated a set of coordination and support actions that will result in an upgrade of the existing PUPIN's Centre of Excellence for Semantic Web technologies with

- science capacity in domain of Big Data, Analytics, Semantic technologies and Applications;
- innovation and technology transfer capacity in related fields of application.

The PUPIN's Center of Excellence for Semantic Web technologies was established in 2007, as part of the activities of the Web4WeB project, see http://www.web4web.org. Currently, the Center is represented by a group of people with skills and expertise in building semantic applications.

The following peer-reviewed publications with topics related to the LAMBDA project have been published by PUPIN staff (also members of the Center), in the last three years preceding the start date of the project.

Journal Papers

1. Valentina Janev, Vuk Mijović, Sanja Vraneš, (2018). Using the Linked Data Approach in European e-Government Systems. International Journal on Semantic Web and Information Systems 14(2):27-46, April 2018. DOI=10.4018/ijswis.2018040102
2. Vuk Mijović, Valentina Janev, Dejan Paunović, Sanja Vraneš (2016). Exploratory spatio-temporal analysis of linked statistical data. Web Semantics: Science, Services and Agents on the World Wide Web 41C: 1-8. ISSN: 15708268. DOI=10.1016/j.websem.2016.10.002
3. Nikola M. Tomasević, Aleksandar M. Nešković, Natasa J. Nešković (2017). Correlated EEG Signals Simulation Based on Artificial Neural Networks. International Journal of Neural Systems 27 (5). ISSN: 0129-0657. DOI= 10.1142/S0129065717500083
4. Marko Batić, Nikola Tomašević, Giovanni Beccuti, Turhan Demiray, Sanja Vraneš (2016). Combined energy hub optimisation and demand side management for buildings. Energy and Buildings 127, pp. 229–241. ISSN: 0378-7788. DOI=10.1016/j.enbuild.2016.05.087
5. Nikola M. Tomašević, Marko Č. Batić, Luis M. Blanes, Marcus M. Keane, Sanja Vraneš (2015). Ontology-based facility data model for energy management. Advanced Engineering Informatics 29(4): 971-984. ISSN: 1474-0346. DOI=10.1016/j.aei.2015.09.003

Publications in Conference proceedings/Workshop

6. Guma Abdulkhader Lakshen, Valentina Janev, Sanja Vraneš (2018). Challenges in Quality Assessment of Arabic DBpedia. Proceedings of the 8th International Conference on Web Intelligence, Mining and Semantics - WIMS '18 DOI=10.1145/3227609.3227675
7. Guma Abdulkhader Lakshen, Sanja Vraneš, Valentina Janev (2016). Big data and quality: A literature review. Proceedings of the 24th Telecommunications Forum (TELFOR) DOI=10.1109/telfor.2016.7818902
8. Giovanni Beccuti, Turhan Demiray, Marko Batić, Nikola Tomašević, Sanja Vraneš (2015).

Energy hub modelling and optimisation: an analytical case-study. Proceedings of the 2015 IEEE Eindhoven PowerTech
DOI=10.1109/PTC.2015.7232413

9. Lazar Berbakov, Bogdan Pavković, Sanja Vraneš (2015). Smart Indoor Positioning System for Situation Awareness in Emergency Situations. Proceedings of the 26th International Workshop on Database and Expert Systems Applications (DEXA)
DOI=10.1109/DEXA.2015.44

Chapter in a Book

10. Valentina Janev, Marko Dabović, Sanja Vraneš (2017). Citizen-Centric Linked Data Apps for Emergency Response Systems. In D. Lawrence (Ed.) *Aviation and Airport Security: Management, Improvement Strategies and Future Challenges*, pp. 95-118. Nova Science Publishers. ISBN: 978-1-53611-909-1