

Adrian M.P. Braşoveanu, M.Sc. - CV

Main Areas of Research	Natural Language Processing (NLP) Semantic Web (SW) and Knowledge Graphs (KG) Machine Learning (ML) Information Visualization (IV)
Education	
2014-Present	PhD Student , Transylvania University, Braşov, România. Domain: Computer Science. Thesis topic: <i>Intelligent Systems in Semantic Networks</i> .
2008	MSc in Distributed and Parallel Processing Systems (Dipl.-Ing.) , Lucian Blaga University of Sibiu, Sibiu, România
2007	MSc in Computer Science and Automatic Control (Dipl.-Ing.) , Lucian Blaga University of Sibiu, Sibiu, România
Work Experience	
2020.11-Present	Researcher , MODUL University Vienna, Austria
2018.11- Present	Researcher , MODUL Technology GmbH, Vienna, Austria
2017.11-2018.10	Invited Researcher , University of Applied Sciences of the Grisons (UASG), Chur, Switzerland
2016.06-2017.10	Researcher , MODUL Technology GmbH, Vienna, Austria.
2011.11- 2016.05	Researcher , MODUL University Vienna, Austria.
2011.03- 2011.10	Intern , MODUL University, Austria
2007.09- 2011.02	Java Programmer , em2Soft, Sibiu, Romania.
Key International Cooperation Partners	
LINKS	LINKS Foundations, Torino (Italy), Senior Researcher Giuseppe Rizzo
AKSW	AKSW Leipzig (Germany), Senior Researcher Milan Dojchinovski
DICE	DICE Lab at Paderborn University (Germany), Prof. Axel-Cyrille Ngonga Ngomo
Most Important Research Projects	
ReTV	European Horizon 2020 Programme (Researcher)
InVID	European Horizon 2020 Programme (Researcher)
ASAP	EU 7th Framework Program (Researcher)
LinkedTV	EU 7th Framework Program (Researcher)
ETIHQ	A PlanetData WP - EU 7th Framework Program (Researcher)

Awards

ISWC 2017	Best Reviewer Award at the International Semantic Web Conference 2017 (ISWC 2017)
IEEE ICSC 2017	Honorable Mention Award , Awarded for E. Marx, S. Sherkarpour, T. Soru, A.M.P. Braşoveanu , M. Saleem, C. Baron, A. Weichselbraun, J. Lehmann, A.-C. Ngonga Ngomo, S. Auer. Torpedo: Improving the State-of-the-Art RDF Dataset Slicing.

List of Publications

Journal Articles

- Weichselbraun, A., Steixner, J., **Braşoveanu, A.M.P.**, Scharl, A., Gobel, M., Nixon, L.B.J. (2021). Automatic Expansion of Domain-Specific Affective Models for Web Intelligence Applications. *Cognitive Computation* 13. 10.1007/s12559-021-09839-4.
- **Braşoveanu, A.M.P.**, Andonie, R. (2020). Integrating Machine Learning Techniques in Semantic Fake News Detection. *Neural Processing Letters*, 1-18. DOI: 10.1007/s11063-020-10365-x.
- **Braşoveanu, A.M.P.**, Sabou, M., Scharl, A., Hubmann-Haidvogel, A., Fischl, D. (2017). Visualizing Statistical Linked Knowledge for Decision Support. *Semantic Web* 8(1), pp. 113–137. DOI: 10.3233/SW-160225.
- Sabou, M., Onder, I., **Braşoveanu, A.M.P.**, Scharl, A (2016). Towards Cross-Domain Data Analytics in Tourism: A Linked Data Based Approach. *J. of IT & Tourism* 16(1), pp. 71-101. DOI: 10.1007/s40558-015-0049-5.
- Sabou, M., Ashal, I., **Braşoveanu, A.M.P.** (2013). TourMISLOD: A tourism linked data set. *Semantic Web* 4(3), pp. 271-276. DOI: 10.3233/SW-2012-0087.
- **Braşoveanu, A.M.P.**, Dzitac, I (2012). The Role of Visual Rhetoric in Semantic Multimedia: Strategies for Decision Making in Times of Crisis. *Int. J. Comput. Commun. Control*, 7(4), pp. 606-616. DOI: 10.15837/ijccc.2012.4.1361.
- **Braşoveanu, A.M.P.**, Nagy, M, Mateut-Petrisor, O., Urziceanu, R. (2010). The Avatar in the Context of Intelligent Social Semantic Web. *Int. J. Comput. Commun. Control*, 5(4), pp. 477-482. DOI: 10.15837/ijccc.2010.4.2497.
- **Braşoveanu, A.M.P.**, Manolescu, A., Spinu, M.N. (2010). Generic Multimodal Ontologies for Human-Agent Interaction. *Int. J. Comput. Commun. Control*, 5(4), pp. 625-633. DOI: 10.15837/ijccc.2010.5.2218.

Conference Articles

- **Braşoveanu, A.M.P.**, Weichselbraun, A., Nixon, L.J.B. (2020). In Media Res: A Corpus for Evaluating Named Entity Linking with Creative Works. In Proceedings of the 24th Conference on Computational Natural Language Learning (pp. 355-364). DOI: 10.18653/v1/2020.conll-1.28
- Weichselbraun, A., **Braşoveanu, A.M.P.**, Waldvogel, R., Odoni, F. (2020). Harvest - An Open Source Toolkit for Extracting Posts and Post Metadata from Web Forums. IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology: 430-436.
- **Braşoveanu, A.M.P.**, Andonie, R. (2020) Visualizing Transformers for NLP: A Brief Survey. IV 2020: 270-279. DOI: 10.1109/IV51561.2020.00051.
- Weichselbraun, A., **Braşoveanu, A.M.P.**, Kuntschik, P., Nixon, L.J.B. (2019). Improving Named Entity Linking Corpora Quality. RANLP 2019, Varna, Bulgaria. Incoma. Published by ACL. pp. 1329-1338. DOI: 10.26615/978-954-452-056-4_152.
- Weichselbraun, A., Kuntschik, P., **Braşoveanu, A.M.P.** (2019). Name Variants for Improving Entity Discovery and Linking. LDK 2019. OASICS 70, Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik 2019, pp. 14:1-14:15. DOI: 10.4230/OASICS.LDK.2019.14.
- **Braşoveanu, A.M.P.**, Andonie, R. (2019). Semantic Fake News Detection: A Machine Learning Perspective. IWANN 2019 Part I, Springer, pp. 656-667. DOI: 10.1007/978-3-030-20521-8_54.
- Odoni, F., **Braşoveanu, A.M.P.**, Kuntschik, P., Weichselbraun, A. (2019). Introducing orbis: An extendable evaluation pipeline for named entity linking performance drill-down analyses. Proceedings of the Association for Information Science and Technology, 56(1), 468-471. DOI: 10.1002/pra2.49.
- Odoni, F., Kuntschik, P., **Braşoveanu, A.M.P.**, Weichselbraun, A. (2018). On the Importance of Drill-Down Analysis for Assessing Gold Standards and Named Entity Linking Performance. Semantics 2018, Procedia Computer Science, 137, 33-42. Elsevier. DOI: 10.1016/j.procs.2018.09.004.
- **Brasoveanu, A.M.P.**, Rizzo, G., Kuntschik, P., Weichselbraun, A., Nixon, L.J.B. (2018). Framing Named Entity Linking Error Types. LREC 2018, pp. 266-271. ELRA, Paris, France. DOI: www.lrec-conf.org/proceedings/lrec2018/pdf/612.pdf
- Weichselbraun, A., Kuntschik, P., **Braşoveanu, A.M.P.** (2018). Mining and Leveraging Background Knowledge for Improving Named Entity Linking. WIMS 2018, pp. 27:1-27:11. ACM. DOI: 10.1145/3227609.3227670.

- **Braşoveanu, A.M.P.**, Nixon, L.J.B., Weichselbraun, A. (2018). Storylens: A multiple views corpus for location and event detection. WIMS 2018, pp. 30:1-30:4. ACM. DOI: 10.1145/3227609.3227674.
- Marx, E., Sherkarpour, S., Soru, T., **Braşoveanu, A.M.P.**, Saleem, M., Baron, C., Weichselbraun, A., Lehmann, J., Ngonga Ngomo, A.-C., Auer, S. (2017). Torpedo: Improving the State-of-the-Art RDF Dataset Slicing. ICSC 2017, pp. 149-156. IEEE. DOI: 10.1109/ICSC.2017.79.
- **Braşoveanu, A.M.P.**, Nixon, L.J.B. Weichselbraun, A., & Scharl, A. (2017). A Regional News Corpora for Contextualized Entity Discovery and Linking. LREC 2016, pp. 3333-3338. ELRA, Paris, France. DOI: www.lrec-conf.org/proceedings/lrec2016/summaries/835.html.
- Sabou, M., **Braşoveanu, A.M.P.**, Onder, I. (2015). Linked Data for Cross-Domain Decision-Making in Tourism. ENTER 2015, pp. 197-210. DOI: 10.1007/978-3-319-14343-9\15.
- **Braşoveanu, A.M.P.**, Hubmann-Haidvogel, A., Scharl, A. (2012). Interactive visualization of emerging topics in multiple social media streams. AVI 2012, pp. 530-533. DOI: 10.1145/2254556.2254655.
- Sabou, M., **Braşoveanu, A.M.P.**, Aarsal, I. (2012) Supporting tourism decision-making with linked data. I-SEMANTICS 2012, pp. 201-204. DOI: 10.1145/2362499.2362533.
- Hubmann-Haidvogel, A., **Braşoveanu, A.M.P.**, Scharl, A., Sabou, M., Gindl, S. (2012). Visualizing Contextual and Dynamic Features of Micropost Streams. MSM 2012, pp. 34-40. DOI: <http://ceur-ws.org/Vol-838/paper\05.pdf>.
- Oprean, C., Kifor, C., Barbat, B.E., **Braşoveanu, A.M.P.**, Fabian, R.D. (2010). Bounded Rationality in Computer Science Curricula. FECS 2010, pp. 135-140.

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