This is the list of publications of the DFG Research Training Group “Quantitative Logics and Automata” (QuantLA) at TU Dresden and Universität Leipzig. When available, links to online versions of abstract, BibTeX entries, and the papers are provided.

2015


BibTeX entry: [http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BaBL-JWS15](http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BaBL-JWS15)

DOI: 10.1016/j.websem.2014.11.008


BibTeX entry: [http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BD15](http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BD15)


M. Droste and D. Heusel: \textit{The supports of weighted unranked tree automata. Fundamenta Informaticae, 136:37–58, 2015.}


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#FLQ15

Zoltán Fülöp and Heiko Vogler: Characterizations of recognizable weighted tree languages by logic and bimorphisms. Soft Computing, accepted for publication, 2015.

BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#fuelvog15a
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#fuelvog15a


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#fuelvog15
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#fuelvog15
DOI: 10.1016/j.tcs.2015.04.024


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#DBLP:conf/dlog/GilBB15


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#hervog15
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#hervog15

Johannes Osterholzer: Complexity of Uniform Membership of Context-Free

BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#ost15


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Pe15


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#teiost15
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#teiost15
DOI: 10.1016/j.tcs.2015.04.033

2014


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BaLi-JAL14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#BaLi-JAL14
DOI: http://dx.doi.org/10.1016/j.jal.2014.09.001


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BaDuKlDaKlMaWu-FASE14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#BaDuKlMaWu-FASE14
(The final publication is available at: http://link.springer.com/10.1007/978-3-642-54804-8_1)


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BDKL14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#BDKL14


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BaKlKlWu-CSLLICS14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#BaKlKlWu-CSLLICS14


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BoDP-KR14


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#BoPe-IJAR14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#BoPe-IJAR14
DOI: http://dx.doi.org/10.1016/j.ijar.2013.07.006

BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Carapelle_Feng_Fernandez_Quaas_LATA2014.bib


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#DP14


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#DrDue-LATA-2014


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#drovog14a

Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#drovog14a

DOI: 10.1142/S0129054114400176


Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Completion-based Generalization Inferences for the Description Logic \(\mathcal{ELOR}\) with Subjective Probabilities.** *International Journal of Approximate Reasoning*, 2014.

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Mary, What’s Like All Cats?** In *Proceedings of the 27th International Workshop on Description Logics (DL-2014)*, July 2014. Extended Abstract


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#DBLP:conf/lata/KleinMBK14


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#ost14
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#ost14
DOI: 10.1007/978-3-319-08846-4_22

2013


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#parametricCardinalityConstraint


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#encodeOrPropagate

Daniel Borchmann: **Axiomatizing $\mathcal{EL} \bot_{\text{gfp}}$-General Concept Inclusions in the Presence of Untrusted Individuals.** In Thomas Eiter, Birte Glimm, Yevgeny Kazakov, and Markus Krötzsch, editors, *Proceedings of the 26th International Workshop on Description Logics (DL-2013)*, volume 1014 of CEUR Workshop Proceedings. Ulm, Germany, CEUR-WS.org, July 2013.


BibTeX entry: [http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Borc-KCAP13](http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Borc-KCAP13)


DOI: 10.1145/2479832.2479835


BibTeX entry: [http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Borc-ICFCA13](http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#Borc-ICFCA13)


Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Role-depth bounded Least Common Subsumer in Prob-\(\mathcal{EL}\) with Nominals.** In *Proceedings of the 26th International Workshop on Description Logics (DL-2013), CEUR Workshop Proceedings. Ulm, Germany, CEUR-WS.org, July 2013.*

BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#EcPeTu-DL-13
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#EcPeTu-DL-13

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Towards Instance Query Answering for Concepts Relaxed by Similarity Measures.** In *Workshop on Weighted Logics for AI (in conjunction with IJCAI'13), 2013.*

BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#EcPeTu-WL4AI-13
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#EcPeTu-WL4AI-13


BibTeX entry: http://lat.inf.tu-dresden.de/quantla/pubs/papers-bib.html#RyDiBo-AMAI13
Abstract: http://lat.inf.tu-dresden.de/quantla/pubs/papers-abs.html#RyDiBo-AMAI13

(The final publication is available at: http://www.springer.com/alert/urltracking.do?id=L182c26eMc53eb4Sb093000)