1 Overview over some of my work

This pdf demonstrates how the entries of the accompanying bibtex file are printed, using:

```
\usepackage[backend=bibtex,style=numeric,sorting=none,maxbibnames=99]{biblatex}
```

A List of Papers and Articles

[1] Paolo Capriotti and Nicolai Kraus. "Univalent Higher Categories via Complete Semi-Segal Types". In: *ArXiv e-prints* (2017). arXiv: 1707.03693 [math.CT]. URL: https://arxiv.org/abs/1707.03693.

[2] Danil Annenkov, Paolo Capriotti, and Nicolai Kraus. "Two-Level Type Theory and Applications". In: *ArXiv e-prints* (2017). arXiv: 1705.03307 [cs.LO]. URL: http://arxiv.org/abs/1705.03307.

[3] Nicolai Kraus and Christian Sattler. "Space-Valued Diagrams, Type-Theoretically (Extended Abstract)". In: *ArXiv e-prints* (2017). arXiv: 1704.04543 [math.LO]. URL: https://arxiv.org/abs/1704.04543v1.

[4] Thorsten Altenkirch, Nils Anders Danielsson, and Nicolai Kraus. "Partiality, Revisited". In: *Foundations of Software Science and Computation Structures: 20th International Conference, FOSSACS 2017, Held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2017, Uppsala, Sweden, April 22-29, 2017, Proceedings*. Ed. by Javier Esparza and Andrzej S. Murawski. Berlin, Heidelberg: Springer Berlin Heidelberg, 2017, pp. 534–549. ISBN: 978-3-662-54458-7. DOI: 10.1007/978-3-662-54458-7_31. URL: http://dx.doi.org/10.1007/978-3-662-54458-7_31.

[5] Thorsten Altenkirch, Paolo Capriotti, and Nicolai Kraus. "Extending Homotopy Type Theory with Strict Equality". In: *25th EACSL Annual Conference on Computer Science Logic (CSL 2016)*. Ed. by Jean-Marc Talbot and Laurent Regnier. Vol. 62. Leibniz International Proceedings in Informatics (LIPIcs). Dagstuhl, Germany: Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2016, 21:1–21:17. ISBN: 978-3-95977-022-4. DOI: http://dx.doi.org/10.4230/LIPIcs.CSL.2016.21. URL: http://drops.dagstuhl.de/opus/volltexte/2016/6561.

[6] Nicolai Kraus. "Constructions with Non-Recursive Higher Inductive Types". In: *Proceedings of the 31st Annual ACM/IEEE Symposium on Logic in Computer Science (LiCS'16)*. New York, NY, USA: ACM, 2016, pp. 595–604. ISBN: 978-1-4503-4391-6. DOI: 10.1145/2933575.2933586. URL: http://doi.acm.org/10.1145/2933575.2933586.

[7] Paolo Capriotti, Nicolai Kraus, and Andrea Vezzosi. "Functions out of Higher Truncations". In: *24th EACSL Annual Conference on Computer Science Logic (CSL) 2015)*. Ed. by Stephan Kreutzer. Vol. 41. Leibniz International Proceedings in Informatics (LIPIcs). Dagstuhl, Germany: Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2015, pp. 359–373. ISBN: 978-3-939897-90-3. DOI: http://dx.doi.org/10.4230/LIPIcs.CSL.2015.359. URL: http://drops.dagstuhl.de/opus/volltexte/2015/5425.

[8] Nicolai Kraus. "Truncation Levels in Homotopy Type Theory". PhD thesis. Nottingham, UK: School of Computer Science, University of Nottingham, 2015.

[9] Nicolai Kraus. "The General Universal Property of the Propositional Truncation". In: *20th International Conference on Types for Proofs and Programs (TYPES 2014)*. Ed. by Hugo Herbelin, Pierre Letouzey, and Matthieu Sozeau. Vol. 39. Leibniz International Proceedings in Informatics (LIPIcs). Dagstuhl, Germany: Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2015, pp. 111–145. ISBN: 978-3-939897-88-0. DOI: http://dx.doi.org/10.4230/LIPIcs.TYPES.2014.111. URL: http://drops.dagstuhl.de/opus/volltexte/2015/5494.

[10] Nicolai Kraus, Martín H. Escardó, Thierry Coquand, and Thorsten Altenkirch. "Notions of Anonymous Existence in Martin-Löf Type Theory". In: *Logical Methods in Computer Science* Volume 13, Issue 1 (2017). In the special issue of TLCA'13. DOI: 10.23638/LMCS-13(1:15)2017. URL: http://lmcs.episciences.org/3217.

[11] Nicolai Kraus and Christian Sattler. "Higher Homotopies in a Hierarchy of Univalent Universes". In: *ACM Transactions on Computational Logic (TOCL)* 16.2 (2015), 18:1–18:12.

[12] Nicolai Kraus, Martín H. Escardó, Thierry Coquand, and Thorsten Altenkirch. "Generalizations of Hedberg's Theorem". In: *Typed Lambda Calculus and Applications (TLCA)*. Ed. by Masahito Hasegawa. Vol. 7941. Lecture Notes in Computer Science. Springer-Verlag, 2013, pp. 173–188.

[13] Andreas Abel and Nicolai Kraus. "A Lambda Term Representation Inspired by Linear Ordered Logic". In: *EPTCS 71* arXiv:1111.0085 (2011). Comments: In Proceedings LFMTP 2011, arXiv:1110.6685. DOI: 10.4204/EPTCS.71. URL: http://cds.cern.ch/record/1395187.