Ensuring Information Security by Using Haskell Advanced Type System

Matteo Di Pirro Department of Mathematics University of Padua Padua, Italy

Abstract—The abstract goes here.

I. INTRODUCTION

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LATEX using IEEE-tran.cls version 1.8b and later. I wish you the best of success.

m

August 26, 2015

A. Subsection Heading Here

Subsection text here.

1) Subsubsection Heading Here: Subsubsection text here.

II. CONCLUSION

The conclusion goes here.

ACKNOWLEDGMENT

The authors would like to thank... [?]

REFERENCES

- C. A. Stone, "Singleton kinds and singleton types," DTIC Document, Tech. Rep., 2000.
- [2] A. Russo, K. Claessen, and J. Hughes, "A library for light-weight information-flow security in haskell," in ACM Sigplan Notices, vol. 44, no. 2. ACM, 2008, pp. 13–24.
- [3] P. Li and S. Zdancewić, "Encoding information flow in haskell," in 19th IEEE Computer Security Foundations Workshop (CSFW'06). IEEE, 2006, pp. 12–pp.
- [4] D. E. Denning, "A lattice model of secure information flow," *Communications of the ACM*, vol. 19, no. 5, pp. 236–243, 1976.
- [5] B. C. Pierce, Advanced topics in types and programming languages. MIT press, 2005.