

Jan Stolarek

Informatics Forum 5.10
10 Crichton Street
Edinburgh
EH8 9AB
United Kingdom

Phone: +44 131 651 30 77
Web: <http://ics.p.lodz.pl/~stolarek>
Email: jan.stolarek@ed.ac.uk

Polish citizen. Speaks English (fluent).

Education

- | | |
|------|---|
| 2012 | PhD in Computer Science, Lodz University of Technology (Poland)
Thesis: <i>Orthogonal wavelet synthesis based on signal processing outcome.</i> |
| 2008 | MSc in Computer Science, Lodz University of Technology (Poland)
Thesis: <i>User identification based on fingerprint analysis.</i> |

Academic career

- | | |
|--------------|---|
| 2016–to date | Research Associate at Laboratory for Foundations of Computer Science, University of Edinburgh, UK
Responsibilities: <i>research work on a project „Skye: A programming language bridging theory and practice for scientific data curation”.</i> |
| 2012–2016 | Lecturer at the Institute of Information Technology, Lodz University of Technology, Poland
Responsibilities: <i>research on functional programming and compiler construction; teaching undergraduate and postgraduate courses.</i> |
| 2008–2012 | Research Assistant at the Institute of Information Technology, Lodz University of Technology, Poland
Responsibilities: <i>research on discrete wavelet transforms, digital signal watermarking and image quality assessment; teaching undergraduate and postgraduate courses.</i> |

Peer-reviewed papers (last 5 years)

- | | |
|------|---|
| 2020 | F. Emrich, S. Lindley, J. Stolarek, J. Cheney, and J. Coates. FreezeML: Complete and Easy Type Inference for First-Class Polymorphism. In <i>Proceedings of the 41st ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI '20)</i> , 2020 |
| 2020 | J. Stolarek and P. Nowak. A Modular, Practical Test for a Programming Course. In <i>Proceedings of the 51st ACM Technical Symposium on Computer Science Education (SIGCSE '20)</i> , 2020 |
| 2019 | J. Stolarek and J. Cheney. Verified Self-Explaining Computation. In <i>13th International Conference on Mathematics of Program Construction (MPC '19)</i> , 2019 |
| 2018 | J. Stolarek and J. Cheney. Language-integrated provenance in Haskell. <i>The Art, Science, and Engineering of Programming</i> , 2(3), 2018 |
| 2017 | W. Ricciotti, J. Stolarek, R. Perera and J. Cheney. Imperative Functional Programs that Explain their Work. <i>Proceedings of the ACM on Programming Languages</i> , 1(ICFP):Article 14, 2017 |
| 2015 | J. Stolarek, S. Peyton Jones, and R. A. Eisenberg. Injective Type Families for Haskell. <i>ACM SIGPLAN Notices</i> , 50(12):118–128, December 2015 |