

Dr. Hans-Wolfgang Loidl
Associate Professor
School of Mathematical & Computer Sciences
Computer Science
Postal address:
Riccarton
Edinburgh
United Kingdom
Email: h.w.loidl@hw.ac.uk



Research output

Biography

I received an MSc ("Dipl-Ing") degree from Johannes Kepler University in Austria in 1992, and a PhD degree from the University of Glasgow in 1998 for my research on the parallel implementation of functional languages. From 1999 to 2002 I worked as a postdoctoral research fellow of the Austrian Academy of Sciences at Heriot-Watt University, Edinburgh, on architecture-independent parallelism. From 2002 to 2009 I worked as a postdoctoral researcher in the Theoretical Computer Science group at Ludwig-Maximilians University Munich on the EU-funded projects MRG and EmBounded. The goal of these projects was to develop an infrastructure for resource-safe computation, dealing with statically inferring resource bounds, (automatically) verifying concrete resource bounds, and certifying resource bounds by employing proof-carrying-code techniques. Since 2009 I am a lecturer at the School of Mathematical and Computer Sciences of Heriot-Watt University, Edinburgh.

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