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Biography

Theo Ungerer studied mathematics and computer science at the Universities of Heidelberg and Zürich and at the Technical University of Berlin. He was scientific assistant at the University of Augsburg (1982-89 and 1990-92), visiting assistant professor at the University of California, Irvine (1989-90), professor of computer architecture at the University of Jena (1992-1993) and the Technical University of Karlsruhe (1993-2001). Since April 2001 he is Chair of Communication Systems at the University of Augsburg, Germany.

Research Interests

His current research interests are in the areas of processor architecture, embedded real-time systems, and ubiquitous systems. Currently his main research project is the *Komodo Project*, which investigates real-time Java based on a multithreaded Java microcontroller.

For more information on the Komodo Project see:

www.informatik.uni-augsburg.de/lehrstuehle/info3/research/komodo/indexEng.html

Recent Publications

S. Fuhrmann, M. Pfeffer, U. Brinkschulte, J. Kreuzinger, Th. Ungerer: *Real-time Garbage Collection for a Multithreaded Java Microcontroller*. 4th IEEE Int. Symposium on Object-oriented Real-time Distributed Computing (ISORC 2001), Magdeburg, May 2-4, 2001.

J. Kreuzinger, A. Schulz, M. Pfeffer, T. Ungerer, U. Brinkschulte, C. Krakowski: *Real-time Scheduling on Multithreaded Processors*. Symposium on Real-Time Computing Systems and Applications (RTCSA), Cheju Island, South Korea, December 2000, 155-159.

U. Brinkschulte, C. Krakowski, J. Kreuzinger, T. Ungerer: *A Multithreaded Java Microcontroller for Thread-Oriented Real-Time Event-Handling*. International Conference on Parallel Architectures and Compilation Techniques (PACT), Newport Beach, October 1999, 34-39.

J. Silc, B. Robic, Th. Ungerer: *Processor Architecture - From Dataflow to Superscalar and Beyond*. Springer-Verlag, Berlin, Heidelberg, New York 1999.