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PETER SANDERS

Professor Peter Sanders received his PhD in computer science from Universität Karlsruhe, Germany in 1996. After 7 years at the Max-Planck-Institute for Informatics in Saarbrücken he returned to Karlsruhe as a full professor in 2004. He has more than 200 publications, mostly on algorithms for large data sets. This includes parallel algorithms such as load balancing, memory hierarchies, graph algorithms such as route planning and graph partitioning, randomized algorithms, full text indices, etc. Prof. Sanders is active in promoting the methodology of algorithm engineering. He has won a number of prizes, including the notable DFG Leibniz Award 2012 which amounts to 2.5 million Euros of research funding.



Algorithm Engineering for Large Data Sets