



**Prof. Dr. Rudolf Berrendorf**

Computer Science Department  
Bonn-Rhein-Sieg University, Germany

Dr. Rudolf Berrendorf has a Diploma Degree (M.Sc.) in Computer Science from the Mathematical and Natural Science Faculty of RWTH Aachen University, Germany, and a PhD from the Electrical Engineering Faculty of the same university. He worked for 12 years as a scientist at the Jülich Supercomputing Centre (JSC) of the Research Centre Jülich, Germany, on software development tools for parallel computers, including compilers, run-time systems, and performance analysis tools. During that time, he spent nearly a year as a visiting scientist at the University of Colorado at Boulder and at the Mathematics and Computer Science Division, Argonne National Laboratory.

Since 2000, Dr. Berrendorf is a full professor for programming complex systems at the Computer Science Department of Bonn-Rhein-Sieg University in Sankt Augustin, Germany, and head of the Parallel and Distributed Systems Laboratory. His main working areas are programming languages, tools, algorithms and data management for parallel systems. He is the initiator and leader of the Platform for Scientific Computing at the university, where several professors work together on different aspects of scientific computing. He was a visiting professor at the Nantong University, China. He is member of the senate and several other leading committees at the university.

Dr. Berrendorf has more than 30 years experience in developing and optimizing parallel and performance critical applications. He has published more than 33 papers, gave a keynote, 11 invited talks and numerous presentations at international conferences. He was awarded with two Best Paper Awards. Additionally, Dr. Berrendorf served as a member of editorial boards, program committees, as session chair, and reviewer for several international conferences and journals. Dr. Berrendorf worked together with other international scientists on several research projects funded by EU, national agencies as well as industry.

Dr. Berrendorf's contribution to the IARIA started in 2012. He is author and coauthor of several articles presented at IARIA conferences and published in IARIA journals. He has been session chair, panelist, and keynote speaker at IARIA conferences. Two of his contributions have been awarded with Best Paper Awards. Furthermore, Dr. Berrendorf was member of the Editorial Board of the International Journal on Advances in Software, member of the program committee and advisory chair of the International Conference on Advanced Engineering Computing and Applications in Sciences, member of the program committee of the International Conference on Data Analytics as well as International Conference on Intense Applications and Services and International Conference on Future Computational Technologies and Applications.