Biography

Dr. Rainer Koschke is a full professor and head of the Software Engineering Group at the Department of Mathematics and Informatics of the University of Bremen, Germany. His research interests include software maintenance and evolution, program analysis, reverse engineering, reengineering, software visualization, and software security. He has published more than 100 papers in journals and conferences in these areas. He received multiple best paper awards at, for instance, the IEEE Working Conference on Reverse Engineering (WCRE), IEEE Conference on Software Maintenance and Reengineering (CSMR), and IEEE International Conference on Software Maintenance and Evolution (ICSME).

He is Chair of the IEEE TCSE Committee on Reverse Engineering, Steering Committee Member of ICSME and IEEE Working Conference on Software Visualization (VISSOFT) and Past Steering Committee Member of the ACM Symposium on Software Visualization, IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER) and WCRE. He served as General Chair for ICSME 2015 and WCRE 2001, the Annual Conference of the German Computer Society 2007, and ACM Symposium on Software Visualization (SoftVis) 2008. In total, he organized more than 20 international scientific meetings.

He is a member of the editorial board of the Journal on Software: Evolution and Process and the Journal Science of Computer Programming. He served as Program Chair for the IEEE International Conference on Program Comprehension (ICPC) 2009, ICSM 2006, the Annual Conference of the German Computer Society 2007, IEEE International Workshop Source Code Analysis and Manipulation (SCAM) 2004, and the IEEE International Workshop on Program Comprehension (IWPC) 2003. He serves as program committee member in virtually all conferences and workshops in the area of software maintenance and evolution. He holds a PhD from University of Stuttgart, Germany.

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Statement

TCSE is the leading organization for professional software engineers. Its goal is to promote software engineering in practice and research. In my personal career, I have gained a lot from the services TCSE provides through its journals, conferences, workshops, and other resources. Because of that, I want to contribute to TCSE as much as I can.
The IEEE as well as TCSE are not just anonymous organizations. They are joined efforts by many, many volunteers. I am just one of them. We need to support these volunteers and we need to increase the number of active volunteers further. In particular, we need to motivate young people to take part in our effort to improve the state of affairs in software engineering.

As Executive Committee Member of TCSE, I will continue and intensify my activities to serve our community. Because we rely so much on volunteers, I will put a particular focus on supporting and involving volunteers. Moreover, I will continue to promote and encourage young people to get them involved as well. My research focus is software maintenance and evolution, the part of the software life cycle where 50-80 % of the costs incur. As an elected member, I will do my best to help practicing software maintainers through educational material and certification.