



Dr. Radek Kočí

Faculty of Information Technology
Brno University of Technology
Božetěchova 2
612 00 Brno
Czech Republic

Email: koci@fit.vut.cz

Web: <https://www.fit.vut.cz/person/koci>

Dr. Radek Kočí is an assistant professor at the Faculty of Information technology, Brno University of Technology, Czech Republic. He has received an MSc degree in the area of computer science and engineering at the Faculty of Electrical Engineering and Computer Science (FEECS) of the Brno University of Technology (BUT) in 2000 and defended his Ph.D. thesis *Methods and Tools for Implementation of Open Simulation Systems* at the Faculty of Information Technology (FIT) of BUT in 2004. He teaches courses in software engineering, object-oriented programming, artificial intelligence, and operating systems.

Dr. Kočí is deeply involved in software systems development methods using formal models, especially Petri Nets, and simulation techniques and participates in the research of agent systems and projects aimed at security-oriented research. He led the Czech Science Foundation project, was, or currently is, a team member of several Czech Science Foundation projects and the EC EU projects.

He collaborated with the industry on the development of tools for production planning and scheduling. He also collaborated with the Faculty of Mechanical Engineering and an industrial company to model and simulate technological processes. Radek is the co-author of the software tool for modeling and simulation of waste incinerators and is the author of a tool for modeling and balancing wastewater treatment plants' calculations. He is currently working on a project that deals with digitization and processing old parish records to generate various genealogical models, such as family trees.

He has been a reviewer and program committee member for national and international conferences and journals, primarily focusing on modeling and simulation, software engineering, and Petri nets. He was the chairman of the program committee of several conferences focused on modeling and simulation.

Radek Kočí has been participating in IARIA conferences for the last ten years in various roles. He contributed to IARIA conferences, and he is the author of several IARIA journal publications. He has been a session chair, panelist, and technical program committee member. He also gave a keynote presentation entitled *Requirements Modelling and Software Systems Implementation Using Formal Languages*. He was awarded for the best contribution to the conference twice. He is also a member of the International Journal on Advances in Software (IJAS) editorial board. Radek is looking forward to further cooperation with IARIA, especially promoting conferences and support of their professional activities.