

Application for Membership in the FSCD Steering Committee

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Since several decades, I am working in the area of term rewriting. In particular, the goal of my research is to use rewriting-based techniques in order to analyze and verify programs automatically (with a special focus on termination and complexity analysis). Therefore, RTA used to be one of my “home conferences” where I published 16 papers from 1995-2015.

I am currently SC member of FSCD (2022-2025), was Conference chair of RTA 2004, PC chair of RTA 2005, Steering Committee chair of RTA (2005-2007) and SC member from 2004-2007, one of the two PC chairs of IJCAR 2010, CADE trustee (2010-2011, 2014-2020, and CADE president since 2022), area editor of ACM TOCL (since 2013), and I served many times on the PCs of FSCD, RTA, CADE, IJCAR, LPAR, and several other conferences in the field. Since 2000, I am professor for computer science at RWTH Aachen University, Germany.

As a member of the FSCD Steering Committee, my goal was to strengthen the position of rewriting within FSCD. When RTA and TLCA merged to become FSCD, an important aim was that FSCD should be the main conference for all research related to rewriting. As a member of the SC of FSCD, I tried to represent the former RTA community and help to ensure that all rewriting-related topics are welcome at FSCD. In particular, FSCD should cover everything from theoretical results and practical contributions up to applications of term rewriting and rewriting-based tools. If I am re-elected to the SC of FSCD, I would continue this work.

Since 2022, I was not only member of the FSCD SC, but also president of CADE. One of my goals was to strengthen the connection between FSCD and CADE, who had a successful co-location in Rome in 2023. I would try to help benefiting from such synergies also in the future.