

FSCD Steering Committee Statement and Bio

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Statement

My involvement with the FSCD community dates back to TLCA 2009, one of FSCD's predecessor conferences, where I presented my first conference paper. Since then, I have published papers at FSCD in 2017, 2020, 2021, and 2026, and served on its Program Committee in 2019.

I value FSCD as a forum with both breadth and depth: it brings together researchers working on different aspects of logic, computation, and formal reasoning, while leaving room, in each of these areas, for quite specialized work. I would like to help preserve this character of the conference.

If elected, I will work to support the continued vitality of FSCD, including its ability to attract strong submissions and broad participation. I also want to help the conference respond well to the new practical questions facing academic venues, such as those arising from the increasing use of generative AI in the submission and reviewing process.

As a researcher based in Japan, I believe my participation would add some geographical diversity to the Steering Committee, whose members are currently based in Europe or North America. I am ready to take on the practical responsibilities of a committee member, and to contribute to the continuing success of FSCD.

Bio

Takeshi Tsukada is a professor at Chiba University, Japan. He received his PhD from Tohoku University in 2013, and worked at the University of Tokyo and, as a JSPS Overseas Research Fellow, at the University of Oxford, before moving to Chiba University in 2020.

His research interests are in programming language theory. He has long been interested in semantic models of computation, such as game semantics and quantitative models of the λ -calculus, and their connections with type systems and logic. He also works on automated reasoning and verification, with a recent focus on the foundations of verification procedures. In particular, he seeks to understand solvers for constrained Horn clauses and quantified SMT in terms of cyclic proofs and duality.