

Małgorzata Biernacka

Short bio & FSCD Steering Committee statement

BASIC INFORMATION

Position: Assistant professor, Institute of Computer Science,
Deputy Dean, Faculty of Mathematics and Computer Science, University of Wrocław
Email: mabi@cs.uni.wroc.pl

RESEARCH TOPICS

formal semantics of programming languages · abstract machines · lambda calculus and functional programming · reduction strategies

RECENT SERVICE

- PC member of 11th International Conference on Formal Structures for Computation and Deduction (FSCD 2026)
- PC co-chair of 27th International Symposium on Principles and Practice of Declarative Programming (PPDP 2025)
- PC member of 35th European Symposium on Programming (ESOP 2026)
- PC member of 16th Conference on Interactive Theorem Proving (ITP 2025)

STATEMENT

I am honoured to stand as a candidate for the FSCD Steering Committee. FSCD has long been a natural home for my research on derivational semantics, abstract machines, and their formal mechanization, all of which sit at the heart of the themes the conference brings together. I have followed FSCD since its early years and have had the pleasure of contributing to it and observing its growth.

If elected, I would work to maintain the high scientific standards that define FSCD, and I would be glad to contribute to the committee's ongoing work of keeping it a leading and welcoming forum, and to supporting the conference's efforts to embrace diversity and inclusion. I would be happy to help explore new initiatives that could further enhance FSCD's impact, and address new challenges that arise in our field, from the changing role of automation and machine-assisted proof to the pressures on how we publish and evaluate research.