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Program Slicing and Source Code Analysis: Methods and Applications

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Deadline for manuscript submissions:
closed (15 March 2025)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present advancements in source code analysis, synthesis, and transformation; with special emphasis (but not limited to) program slicing. Papers presenting novel techniques and their applications, novel implementations or algorithms, and any advancement in static or dynamic analysis that is relevant to source code analysis or program slicing, e.g., control dependence, System Dependence Graph, flow dependence, dicing, chopping, dependence analyses, formal aspects, usages of program slicing, tools, etc.

- source code analysis
- applications and/or their empirical evaluation
- system dependence graph
- control and/or data dependence
- static program slicing
- dynamic program slicing
- program slicing in different programming paradigms
- formal proofs of existing or novel source code analysis techniques
- benchmark suites
- code debugging

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Message from the Editor-in-Chief

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