

Special Issue

Program Slicing and Source Code Analysis: Methods and Applications

Message from the Guest Editors

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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closed (15 March 2025)



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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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