



CALL FOR PAPERS

ICDSLCS 2021
Mar 29-30, 2021
Singapore, SG

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICDSLCS 2021 : International Conference on Domain-Specific Languages and Code Synthesis is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Domain-Specific Languages and Code Synthesis. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Domain-specific languages

Foundations, including semantics, formal methods, type theory, and complexity theory

Language design, including concrete syntax, semantics, and types

Software engineering, including domain analysis, software design, and round-trip engineering

Modularity and composability of domain-specific languages

Software processes, including metrics for software and language evaluation

Implementation, including parsing, compiling, and program generation

Program analysis, transformation, optimization, and parallelization

Reverse engineering, re-engineering, design discovery, automated refactoring

Hardware/software codesign

Programming environments and tools, including visual languages, debuggers, testing, and verification

Teaching domain-specific languages and the use of domain-specific languages in teaching

Case studies in any domain