



Special Issue on Programming Languages, Software Engineering and Development

Call for Papers

Programming Languages, Software Engineering and Development is a broad field covering the design, implementation, analysis and application of programming languages and software systems. It includes software architecture, development methodologies, programming paradigms, software testing, verification, maintenance and quality assurance. The field also explores emerging technologies such as cloud-based development, artificial intelligence, DevOps and automated software engineering, with the goal of improving software reliability, efficiency, scalability, security and maintainability.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Programming Languages, Software Engineering and Development**. Potential topics include, but are not limited to:

- Programming Language Design and Implementation
- Programming Paradigms and Language Theory
- Compiler Design and Optimization
- Software Architecture and Design
- Software Development Methodologies
- Object-Oriented and Component-Based Development
- Functional and Logic Programming
- Software Testing and Quality Assurance
- Software Verification and Validation
- Software Maintenance and Evolution
- Requirements Engineering
- Software Project Management
- Formal Methods and Verification
- DevOps and Continuous Software Engineering
- Agile Software Development
- Automated Software Engineering
- Software Performance and Optimization
- Distributed and Cloud-Based Software Development
- Secure Software Engineering
- AI-Assisted Software Development
- Software Reliability and Dependability



Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – *Programming Languages, Software Engineering and Development***” should be chosen during your submission.

According to the following timetable:

Submission Deadline	January 12th, 2027
Publication Date	March 2027

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

JSEA Editorial Office