Special Issue

Formal Methods in Computer Science: Theory and Applications

Message from the Guest Editor

The special issue highlights the growing importance of formal methods in computer science, emphasizing their role in ensuring correctness, reliability, and security in complex computing systems. It focuses on the mathematical foundations that support algorithm design, system verification, and model checking, which are essential in fields like cybersecurity, software engineering, and artificial intelligence. The issue aims to present innovative research addressing both theoretical challenges and practical applications, fostering collaboration between academia and industry to drive future advancements in formal methods and their integration into broader computer science fields.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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