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SAC 2024 – ACM SYMPOSIUM ON APPLIED COMPUTING
Technical Track on Programming Languages
April 8-12, 2024
Avila, Spain
http://www.cse.unt.edu/~bryant/sac2024

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SAC 2024

Over the past 38 years, the ACM Symposium on Applied Computing has become a primary forum for applied computer scientists, computer engineers, software engineers, and application developers from around the world to interact and present their work. SAC 2024 is sponsored by the ACM Special Interest Group on Applied Computing (SIGAPP). For additional information, please check the SAC web page: https://www.sigapp.org/sac/sac2024.

PROGRAMMING LANGUAGES TRACK

For the 31st year, the SAC 2024 Programming Languages will be a forum for engineers, researchers and practitioners throughout the world to share technical ideas and experiences relating to implementation and application of programming languages. Major topics of interest include but are not limited to the following:

· AI-Driven Development Techniques,
· Compiling Techniques,
· Domain-Specific Languages,
· Formal Semantics and Syntax,
· Garbage Collection,
· Language Design and Implementation,
· Languages for Modeling,
· Model-Driven Development and Model Transformation,
· New Programming Language Ideas and Concepts,
· New Programming Paradigms,
· Practical Experiences with Programming Languages,
· Program Analysis and Verification,
· Program Generation and Transformation,
· Programming Languages from All Paradigms (Agent-Oriented, Aspect-Oriented, Functional, Logic, Object-Oriented, etc.),
· Visual Programming Languages.

SUBMISSION GUIDELINES

Paper submissions must be original, unpublished work. Submissions should be in electronic format, via the link provided at https://www.sigapp.org/sac/sac2024. Author(s) name(s) and address(es) must not appear in the body of the paper, and self-reference should be avoided and made in the third person. Submitted papers will undergo a blind review process. For accepted papers the paper registration is required, allowing the inclusion of the paper/poster in the conference proceedings. An author or a proxy attending SAC MUST present the paper. This is a requirement for the paper/poster to be included in the ACM/IEEE digital library. No-show of scheduled papers and posters will result in excluding them from the ACM/IEEE digital library. A set of selected papers, which did not get accepted as full papers, will be accepted as poster papers and will be published as extended abstracts in the symposium proceedings. After the conference, selected accepted papers will be invited to a special issue of the Computer Languages, Systems and Structures journal. Student authors and co-authors are eligible to receive a travel award from the SIGAPP Student Travel Award Program (STAP). SAC 2024 will also hold a Student Research Competition (SRC). To enter this in the area of programming languages, please submit via the link at the SAC web page.

IMPORTANT DATES

– Full paper submission:	13 October 2023
– Author notification:	17 November 2023
– Camera ready copy:	15 December 2023
– Author Registration:	15 December 2023
– STAP Application:	9 January 2024
– STAP Notification:	30 January 2024

PROGRAM COMMITTEE

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