CALL FOR PAPERS

Fourteenth Annual IEEE Symposium on

LOGIC IN COMPUTER SCIENCE

July 2 – 5, 1999, Trento, Italy

`http://www.bell-labs.com/topic/conferences/lics/` or `www-rocq.inria.fr/verso/lics/`

The **LICS** Symposium aims to attract original papers of high quality on theoretical and practical topics in computer science that relate to logic in a broad sense, including algebraic, categorical and topological approaches.

Topics of interest include: *abstract data types, automated deduction, bounded arithmetic, categorical models and logics, combination of logics, concurrency, constraint programming, constructive mathematics, database theory, denotational semantics, domain theory and applications, finite model theory, formal methods, game semantics, hybrid systems, logics of knowledge, lambda and combinatory calculi, linear logic, logical aspects of computational complexity, logics in artificial intelligence, logics of programs, logic programming, modal and temporal logics, model checking, logical aspects of protocol security, rewriting, semantics, software specification, type theory and type systems, universal algebra, and verification.*

Paper submission: Email an extended abstract (not a full paper) to the **program chair**, `lics99@dmi.ens.fr`, *and* to the associate chair, Gilles.Dowek@inria.fr, to be **received** by **December 10, 1998**. The abstract should mention, on the first page, one or more keywords (possibly from the list above), in decreasing order of relevance. *The deadline is firm; late submissions and papers without keywords will not be considered.* Authors will be notified of acceptance or rejection by February 17, 1999. Accepted papers in a specified format for the proceedings will be due by April 5, 1999.

Format your abstract as a PostScript file, accompanied by a separately emailed textfile cover letter, both mailed from the address of the corresponding author. One hard copy must be airmailed to the program chair, postmarked by December 10, 1998. The first page of the extended abstract and the cover letter should include the title of the paper, names and affiliations of authors, a brief synopsis (at most 10 lines), the keywords, and the contact author's name, address, phone number, fax number, and email address. The extended abstract may not exceed 10 typed pages in no less than 11-point font. It must be in English and provide sufficient detail to allow the program committee to assess the merits of the paper. It should begin with a succinct statement of the issues, a summary of the main results, and a brief explanation of their significance and relevance to the conference, all phrased for the non-specialist. References and comparisons with related work should be included. Technical development directed to the specialist should follow. Submissions departing significantly from these guidelines risk rejection.

The results must be unpublished and not submitted for publication elsewhere, including the proceedings of other symposia or workshops. However, a paper submitted to LICS'99 may also be submitted to a FLoC'99 workshop that permits it in its call for papers; acceptance to LICS takes precedence. All authors of accepted papers will be expected to sign copyright release forms. One author of each accepted paper will be expected to attend the conference in order to present it.

The symposium is sponsored by the IEEE Technical Committee on Mathematical Foundations of Computing in cooperation with the Association for Symbolic Logic, the European Association for Theoretical Computer Science, and the Association for Computing Machinery. The symposium is hosted by ITC-IRST, and is a part of the Federated Logic Conference (FLoC'99). For more information about FLoC, see `www.cs.bell-labs.com/cm/cs/what/floc99`.

Kleene Award for Best Student Paper: An award of $500, in honor of the late S.C. Kleene, will be given to the best paper, as judged by the program committee, written solely by one or more students. A submission is eligible if all authors are full-time students at the time of submission. This should be indicated in the submission letter. The program committee may decline to make the award or may split it among several papers.

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