

Call for Papers

Computational Complexity

Twelfth Annual IEEE Conference

June 24–27, 1997

University of Ulm
Ulm, Germany

Conference Committee

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Miklos Santha, Université Paris-Sud
Klaus Wagner, Universität
Würzburg

Important Dates

Submissions Due: Dec. 4, 1996
Notification: Feb. 15, 1997
Final Copies Due: Apr. 4, 1997

Local Arrangements

Uwe Schöning (co-chair)
schoenin@informatik.uni-ulm.de
Jacobo Torán (co-chair)
toran@informatik.uni-ulm.de

Further Information

[http://cs.utep.edu/longpre/
complexity.html](http://cs.utep.edu/longpre/complexity.html)
<ftp://cs.utep.edu/pub/complexity>
[http://www.informatik.uni-ulm.de/
ti/CCC](http://www.informatik.uni-ulm.de/ti/CCC)

The conference seeks original research papers in **all** areas of complexity theory. Possible topics include:

Structure of complexity classes	Communication complexity
Resource-bounded reducibilities	Theory of relativizations
Interactive proof systems	Complexity and logic
Computational randomness	Kolmogorov complexity
Circuits and other concrete computational models	Cryptographic complexity
Proof complexity	Complexity and learning

We encourage electronic submissions to the conference this year. See next page for details. To submit a paper through regular channels, send ten copies of an extended abstract to the program committee chair: José Balcázar, Dept. Llenguatges i Sistemes Informàtics, Univ. Politècnica de Catalunya, Pau Gargallo 5, 08028 Barcelona, Spain; Email: comp197@goliat.upc.es; Phone: (prefix 34 for Spain, area code 3 for Barcelona) 401 70 13. A submission must be received by **December 4th, 1996** for consideration. The paper should not exceed 10 pages.

Joint submissions to other conferences are *not* permitted. Authors of accepted papers are expected to present their work at the conference. The program committee will determine time allocations for presentations (between 15 and 45 minutes). Both short papers containing important results and area surveys are welcome. Conference proceedings will be published by the IEEE Computer Society.

The next page has more details.

For More Information Get more information through the sources listed on the left. You may also contact the publicity chair: Luc Longpré; Computer Science Department, University of Texas at El Paso, El Paso, TX 79968, USA; E-mail: longpre@cs.utep.edu.

Computational Complexity: Additional Details

Electronic Submissions

We encourage electronic submissions to the conference this year. Please check the instructions through WWW at the URL: <http://www-lsi.upc.es/~compl97/> or send an e-mail to message submit-comp197@goliat.upc.es with HELP as subject header.

Other Submissions

In the cover letter of your submission, please give the full postal address of the corresponding author, this author's e-mail address, FAX number, and telephone number, if these are available.

Submission Guidelines

The conference has imposed a *firm* limitation of ten pages (in 11 point or larger fonts) on submissions. The ten-page limit *excludes*: the cover page, bibliography, and technical appendices. Submissions deviating from these guidelines risk summary rejection. In your abstract: (i) explain what the paper's major contributions are, (ii) convey why these contributions are interesting, and (iii) tell how these contributions relate to prior work. Use appendices to substantiate your major technical results.

Authors who have severely limited access to reproduction facilities may submit a single copy of their abstract.

Best Student Paper Award

This award will be given to the best paper written solely by one or more students. An abstract is eligible if all authors are full-time students at the time of submission. This should be indicated in the submission registration message or cover letter. The program committee may decline to make the award or may split it among several papers.

Final Copies

The deadline of April 4, 1997, for final copies to arrive at the IEEE is *firm*. Lateness may result in the exclusion of your paper from the proceedings.

Past Proceedings

Past proceedings of recent Structures conferences can be ordered from:

IEEE Computer Society Press
Customer Service Center
10662 Los Vaqueros Circle
P.O. Box 3014
Los Alamitos, CA 90720-1264 USA

Their phone number is: +1 714-821-6657 (or toll free inside NA: 800-272-6657) and their fax number is: +1 714-821-4010.

Conference Abstracts

In conjunction with the conference, contributed short research abstracts will be collected and will be made available a few days before the conference. Attendance at the conference is *not* required to submit an abstract. For more details, contact the abstracts editor: William Gasarch; Dept. of Computer Science; Univ. of Maryland; College Park, MD 20742 USA; E-mail: gasarch@cs.umd.edu.

The Conference Site

The conference will be on the University of Ulm campus. The local arrangements are by Uwe Schöning and Jacobo Torán, both at: Fakultät für Informatik; Abt. Theoretische Informatik; Univ. Ulm; D 89069 Ulm, Germany; E-mail: {schoenin, toran}@informatik.uni-ulm.de.

Sponsors

The conference is sponsored by the IEEE Computer Society Technical Committee for Mathematical Foundations of Computing in cooperation with ACM SIGACT and EATCS. Additional support by Daimler Benz AG, Ulm University and Ulmer UniversitaetsGesellschaft.