

CALL FOR PAPERS

LCR98: Fourth Workshop on Languages, Compilers, and Run-Time Systems for Scalable Computers

In cooperation with ACM SIGPLAN

Carnegie Mellon University, Pittsburgh, PA, May 28–30, 1998

(www.cs.cmu.edu/~lcr98)

Important Dates

Submissions:
5PM EST, Fri, Feb 20, 1998.

Notification:
Fri, Mar 20, 1998.

Camera Ready:
Wed, July 1, 1998.

Program Committee

David Bakken (BBN)
Ian Foster (Argonne)
Thomas Gross (CMU and ETH
Zurich)
Charles Koelbel (Rice)
Piyush Mehrotra (ICASE)
David O'Hallaron, Chair (CMU)
Joel Saltz (Maryland)
Jaspal Subhlok (CMU)
Boleslaw Szymanski (RPI)
Katherine Yellick (Berkeley)
Hans Zima (Vienna)

Organizing Committee

Barbara Grandillo, Chair (CMU)

For more info

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The Workshop on Languages, Compilers, and Run-time Systems for Scalable Computers (LCR) is a bi-annual gathering of computer scientists who develop software systems for parallel and distributed computers. Attendance is limited to 75 participants. The LCR community is interested in a broad range of technologies, with a common goal of developing software systems that enable real applications. The organization of high end computer systems is undergoing a dramatic change away from traditional MPPs and towards shared memory systems, distributed shared memory, and (possibly heterogeneous) clusters of uniprocessors and multiprocessors. The theme for this fourth meeting is software support for these emerging systems.

Authors are invited to submit 6-page abstracts. Particular areas of interest include language features, communication code generation and optimization, communication libraries, distributed shared memory libraries, distributed object systems, resource management systems, integration of compiler and run-time systems, parallel I/O, irregular and dynamic applications, performance evaluation, and debuggers.

Paper format: 6-page (maximum) abstract. Shorter entries are welcome. Please include an email address, phone number, and fax number for the contact author. Papers can be submitted via email or postal mail; email submissions are preferred.

Electronic submission: Send one postscript file to the program chair (David O'Hallaron) at lcr98@cs.cmu.edu no later than 5:00 pm EST on Feb 20, 1998. To minimize printing problems with your submission please ensure that your postscript file can be previewed by ghostview. Contact the program chair at lcr98@cs.cmu.edu if you need any help.

Postal submission: Send three copies of the 6-page abstract to the Program Chair at the following address so that it ARRIVES by Feb 20, 1998:

David O'Hallaron
School of Computer Science
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213, USA

Notification: Authors will be notified via email no later than 5:00 pm EST on March 20, 1998.

Publication: An informal proceedings consisting of the 6-page abstracts will be distributed at the conference. Authors of accepted papers will submit full versions of their papers after the Workshop. The proceedings will be published in the Springer-Verlag Lecture Notes in Computer Science series. Each participant will receive a copy of the proceedings.