
MFCS'98 Workshop on Concurrency — Algorithms and Tools

A Satellite Workshop to MFCS'98

August 27–28, 1998, Brno, Czech Republic

PRELIMINARY CALL FOR PAPERS

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Important Dates:

submission: **May 25, 1998**
notification: June 15, 1998

Further Information:

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The aim: The workshop will focus on the problem of modelling, testing, and verification of concurrent systems. This area has recently attracted a lot of attention—a large theory answering many interesting questions has been developed, and parts of the theory have also been applied. The aim of the workshop is to highlight promising theoretical approaches and paradigms which affect the development of practical tools for (semi)automatic verification of concurrent systems. Presentations of working experimental tools are also welcomed.

Topics: Suggested topics of interest include (but are not limited to): *decidability and complexity of testing behavioural equivalences, model checking and other verification problems for various models of (concurrent) systems, models for concurrency, practical tools for modelling and verification of concurrent systems, verification of infinite-state processes.*

Invited talks will be given by Javier Esparza (Munich) and Faron Moller (Uppsala). Titles are to be announced.

Paper submission: Authors are invited to send *one* copy of an extended abstract not exceeding *eight* pages to PC co-chairs. Electronic submissions in a form of uuencoded postscript file are encouraged and can be sent to concurshop@fi.muni.cz. Submissions are to be received before **May 25, 1998**. Authors will be notified of acceptance by June 15, 1998. Authors who wish to present live practical demonstrations of their tools are kindly requested to describe their hardware requirements (a large variety of platforms will be available).

Preliminary proceedings in the form of a technical report will be available at the workshop. No special versions of accepted papers will be required—however, authors can submit a new version of their paper if they find it appropriate. The final form of proceedings depends on number and quality of submitted papers. Various possibilities are under consideration.

The workshop will be organised at the same place as the federated **MFCS'98/CSL'98** conference and care will be taken that participants of the workshop can attend invited talks of MFCS/CSL conferences.

No special registration fee will be required for participants who also register for MFCS'98 or CSL'98 conference. A registration only for workshop will be also possible—expenses for fee, accommodation, and basic meals will be very modest.
