INFINITY 2002

4th International Workshop on Verification of Infinite-State Systems

(A Satellite Workshop of CONCUR 2002)

http://www.fi.muni.cz/infinity02/

August 24, 2002, Brno, Czech Republic

SECOND CALL FOR PAPERS

The aim: To provide a forum for researchers interested in the development of mathematical techniques for the analysis and verification of systems with infinitely many states.

Topics: Techniques for modeling and analysis of infinite-state systems; equivalence-checking and model-checking with infinite-state systems; parameterized systems; calculi for mobility and security; finite-state abstractions of infinite-state systems;

Paper submission: The programme of Infinity'02 should reflect recent results and trends in the area. Therefore, there are two types of submissions: *regular* papers and *presentations*.

Regular papers will be thoroughly evaluated by the programme committee and accepted submissions will be published in the proceedings. Authors are invited to submit an extended abstract not exceeding *ten* pages before **May 27, 2002**. Authors will be notified of acceptance by June 12, 2002.

Presentations are reports on recent (or ongoing) work. There is no restriction as for previous/future publication of the result. It is possible to submit a paper which recently appeared (or which is going to appear) in proceedings of another conference, or which has not yet been submitted. Neither the paper nor the abstract will be published in the proceedings. These contributions will be judeged solely on the basis of their attractiveness to the workshop. Authors are invited to submit a one-page abstract before **July 15, 2002**. Authors will be notified of acceptance by July 30, 2002.

All papers should be submitted via a www form reachable from the Infinity'02 homepage.

Preliminary proceedings containing the extended abstracts will be available at the workshop. A special journal issue devoted to the workshop is planned; it depends on the number and quality of received papers.

The INFINITY 2002 workshop is a satellite workshop of the 13th International Conference on Concurrency Theory **CONCUR 2002** (see http://www.fi.muni.cz/concur2002). The workshop will be held at same location as CONCUR 2002, on the day immediately after the conference (August 24). The participants of the INFINITY 2002 workshop will also have the opportunity to attend talks of the other CONCUR satellite workshops.

Invited talk will be delivered by Colin Stirling *(Edinburgh)*.

Registration will be handled by the CONCUR 2002 organizing committee. A registration only for the workshop will also be possible— expenses for fee, accommodation, and basic meals will be very modest. See http://www.fi.muni.cz/concur2002/ for details.

Programme Committee:

Parosh Abdulla, *Uppsala (SE)*
Julian Bradfield, *Edinburgh (UK)*
Didier Caucal, *Irisa (F)*
Hubert Comon, *LSV Cachan (F)*
Giorgio Delzanno, *Genova (I)*
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Denis Lugiez, *Marseille (F)*
Bernhard Steffen, *Dortmund (D)*
P.S. Thiagarajan, *Chennai (India)*
Moshe Vardi, *Rice (USA)*

PC Chairs:

Antonín Kučera
Faculty of Informatics
Masaryk University
CZ-60200 Brno
Czech Republic
kucera@fi.muni.cz
tel: +420-5-41 512 339
fax: +420-5-41 212 568

Richard Mayr
Department of Computer Science
Albert-Ludwigs-University Freiburg
D-79110 Freiburg
Germany
mayrri@informatik.uni-freiburg.de
tel: +49-761-203 8196
fax: +49-761-203 8182

Important Dates:

Regular papers:

submission:	**May 27, 2002**
notification:	June 12, 2002

Presentations:

submission:	**July 15, 2002**
notification:	July 30, 2002

Further Information:

kucera@fi.muni.cz,
mayrri@informatik.uni-freiburg.de
http://www.fi.muni.cz/infinity02/