PDMC'02

Preliminary Information

Parallel and Distributed Model Checking

PDMC'02

August 19, 2002 – Brno, Czech Republic

Satellite Workshop to CONCUR 2002

The growing importance of model checking in industry is driving a growing interest in those aspects of model checking which have a direct impact on its applicability to real world problems. One of the main technical challenges is in devising tools that allow to handle large state spaces. Over the last years numerous approaches have been developed. Recently, an increasing interest is in parallelizing and distributing of model checking techniques.

The aim of the **PDMC** workshop is to cover all aspects of parallel and distributed model checking and supporting techniques. Theoretical results, algorithms and case studies are equally welcome. Topics of interest include but are not limited to:

- parallel model checking
- distributed model checking
- slicing and distributing the state space
- tools and case studies
- industrial applications

The **PDMC** workshop has a dual mission: it aims to introduce people to the field of parallel and distributed model checking and to be a forum for describing new research. Hence, the workshop will consist of invited presentations by leaders in the field and a selection from the submitted papers.

The workshop will be held as a satellite workshop for the conference **CONCUR 2002**.

Papers describing recent work on all aspects of parallel and distributed model checking are solicited as contributions to PDMC. The proceedings will be published as a technical report of the Faculty of Informatics at Masaryk University Brno, and will be available at the workshop. After the workshop, selected authors will be invited to submit full version of their papers to a special section of the *International Journal on Software Tools for Technolgy Transfer* dedicated to the PDMC'02 workshop.

Invited speaker: *Moshe Vardi (Rice University, USA)*

Invited tutorial: *Orna Grumberg (Technion, Israel)*

Programme Committee:

Luboš Brim (MU Brno, CZ) - Co-chair, Gianpiero Cabodi (Torino, Italy), Hubert Garavel (INRIA, France), Orna Grumberg (Technion, Israel) - Co-chair, Boudewijn R. Haverkort (Aachen, Germany) Kim Larsen (BRICS Aalborg, Denmark), Rajeev Ranjan (Real Intent, USA).

Important dates:	Submission deadline:	**May 25, 2002**
	Notification of acceptance:	**June 30, 2002**
	Final version:	**August 1, 2001**

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For more and up-to-date information see the www page `http://www.fi.muni.cz/concur2002/PDMC`