Call for Papers

6th International Workshop on
PARALLEL AND DISTRIBUTED METHODS IN VERIFICATION
(PDMC 2007)

July 8, 2007 - Berlin, Germany
Workshop affiliated to CAV 2007

http://pdmc.informatik.tu-muenchen.de/PDMC07/

OBJECTIVES
The PDMC workshop aims to provide a working forum for presenting,
sharing, and discussing recent achievements in the field of parallel and
distributed verification. The workshop will consist of invited talks,
regular papers, tool papers and presentations.

SCOPE AND TOPICS
Papers describing recent work   on all aspects of parallel and
distributed   verification   are   solicited   as   contributions   to
PDMC. Regular and tool papers must be original and may not be submitted
simultaneously to other conferences, workshops or journals.
Topics of interest include, but are not limited to:

   * parallel and distributed methods in:
      - model checking
      - probabilistic model checking
      - performance and dependability evaluation
      - equivalence checking
      - satisfiability checking
      - constraints solving
      - theorem proving
      - testing

   * system issues for parallel and distributed verification:
      - GRID vs. clusters vs. SMP (heterogeneity, co-scheduling)
      - parallelization for multi-core processors
      - external memory approaches
      - load balancing, robustness, fault tolerance
      - slicing and distributing the state space
      - file system support

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      * application:
        - tools and case studies
        - software platforms for distributed verification
        - methods and suites for benchmarking
        - industrial applications


INVITED SPEAKER
      *  Gerard Holzmann  (NASA/JPL Laboratory of Reliable Software)
         Multi-Core Algorithms for Model Checking with Spin


SUBMISSION GUIDELINES
      * All submissions should be made electronically on the Submission
        Page.

      * Manuscripts of  regular papers are limited to  a maximum of 15
        pages  (excluding  technical appendices)  in  postscript or  PDF
        format (LNCS style strongly recommended).

      * Manuscripts  describing tool  demonstrations are limited  to a
        maximum  of 5  pages in  postscript  or PDF  format (LNCS  style
        strongly recommended).

      * Presentations report on relevant results submitted to other forums
        or already published or on not yet finished work in progress.
        Presentations will appear in the workshop preliminary proceedings,
        but will not be considered for the final workshop proceedings.
        Manuscripts of presentations are  limited to a maximum of 10 pages.


PROCEEDINGS
      * Preliminary workshop proceedings will be available at the
        meeting as a technical report.

      * The final proceedings appear as - to be announced


IMPORTANT DATES
      * Abstract submission:       May 6, 2007
      * Submission deadline:       May 13, 2007
      * Notification of acceptance: June 4, 2007
      * Final version:             June 17, 2007
      * Meeting date:              July 8, 2007
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PROGRAM COMMITTEE
PC members
    * Henri E. Bal (Vrije University, The Netherlands)
    * Howard Barringer (Univ. of Manchester, UK)
    * Lubos Brim (Masaryk University, Brno, Czech Republic)
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    * Radu Mateescu (INRIA, France)
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    * Assaf Schuster (Technion, Israel)

PC co-chairs
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