Call for Papers
Workshop on Reachability Problems (RP'07)

July 7-8, 2007, Turku, Finland
http://www.math.utu.fi/projects/dlt2007/rp/

Program Committee:

Vincent Blondel, Louvain
Olivier Bournez, Nancy
Christian Choffrut, Paris
Javier Esparza, Stuttgart
Vesa Halava, Turku
Oscar Ibarra, Santa Barbara
Igor Potapov, Liverpool (chair)

Invited Speakers:

Vincent Blondel, Louvain
Christian Choffrut, Paris
Javier Esparza, Stuttgart
Oscar Ibarra, Santa Barbara

Organizing Committee:

Vesa Halava, Turku
Igor Potapov, Liverpool

Important dates:

Submission: April 11, 2007
Notification: May 11, 2007
Final version: May 30, 2007
Workshop: July 7-8, 2007

Contact:

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Conference: The Workshop on Reachability Problems is a satellite event of the Developments in Language Theory Conference (DLT'07) that will take place at the University of Turku, Turku, Finland on July 7-8, 2007.

The Reachability Workshop is specifically aimed at gathering together scholars from diverse disciplines and backgrounds interested in reachability problems that appear in

- Algebraic structures
- Computational models
- Hybrid systems
- Verification

Papers presenting original contributions related to reachability problems in different computational models and systems are being sought. Topics of interest include (but are not limited to): Reachability analysis in counter/ timed/ cellular/ communicating automata; Petri-Nets; computational aspects of semigroups, groups and rings; reachability for infinite state systems, rewriting systems, dynamical and hybrid systems; predictability in iterative maps and new computational paradigms.

Submissions: Authors are invited to submit a draft of a full paper with at most 12 pages (in standard LaTeX article style 11pt A4 paper) via the conference web page *http://www.math.utu.fi/projects/dlt2007/rp/*. Proofs omitted due to space constraints must be put into an appendix to be read by the program committee members at their discretion. Submissions deviating from these guidelines risk rejection. Electronic submissions should be formatted in postscript or pdf. Simultaneous submission to other conferences or workshops with published proceedings is not allowed.

The proceedings of the workshop will appear in TUCS General Publications Series (*http://www.tucs.fi/research/series/*). *Selected papers will appear in a special issue of a high quality journal.*

THE UNIVERSITY *of* LIVERPOOL

Eleventh International Conference
DEVELOPMENTS IN LANGUAGE THEORY
DLT 2007
July 3-6, 2007, Turku, Finland

UNIVERSITY OF TURKU
DEPARTMENT OF MATHEMATICS