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%%
%% CLODEM 2010 %%
%% Workshop on Comparing Logical Decision Methods %%
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%% <http://www2.imm.dtu.dk/~vfgo/CLODEM2010/CLODEM2010.html> %%
%%
%% Edinburgh, July 15th, 2010 %%
%% affiliated with LICS and IJCAR at FLoC'10 %%
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TOPIC AND OBJECTIVE:

Methods for deciding satisfiability of formulae are of vital importance for both the theoretical relevance and practical impact of a logic. Different logics require different decision procedures. Nevertheless, certain methodologies like terminating semantic tableaux, automata, games, SAT/SMT methods, resolution, reductions, etc. have proved to be successful in providing decidability results for several, even quite different logics.

Perception of some methodology being better than others has grown within certain communities, for example regarding automata-based techniques in automatic verification or tableau-based techniques in knowledge representation. Such perception, however, is often not based on systematic comparative analysis. Sometimes, different methodologies also turn out to do or even be the same in certain cases. Yet, few formal technical results to that effect are known, and the scientific discussions on the pros and cons, and similarities and differences between different methodologies have been rather sporadic so far.

The purpose of this workshop is to provide an expert forum for such discussion, to provoke and foster discussion between communities, and to stimulate further research on that topic. It is a generalization and follow-up of the AutoTab workshop which was held with TABLEAUX'09 last year.

The workshop welcomes contributions on comparisons between different methods, exhibiting differences or similarities, in theory or in practice, in general or with respect to a certain logic.

SUBMISSIONS:

Submissions should be in the form of extended abstracts of at most 5 A4 pages in PDF format, preferably using Springer LNCS style or a comparable format. Submissions may be based on new and original, or on already published or submitted work, but

they should address the topic of the workshop.

The abstracts of the workshop talks will be included in informal proceedings. No formal proceedings are currently planned, but if the workshop attracts sufficiently many good and original contributions, a journal special issue will be organized after the event.

One author of each submission that is accepted for the workshop must register for and attend the workshop in order to present the paper.

IMPORTANT DATES:

Submissions deadline:	March 27, 2010
Notification deadline:	April 27, 2010
Finalized workshop programme:	April 30, 2010
Final versions of abstracts for the informal proceedings:	May 31, 2010
Workshop:	July 15, 2010

INVITED SPEAKERS: tba

WORKSHOP PROGRAM COMMITTEE:

* Stephane Demri,	CNRS Cachan,	F
* Valentin Goranko,	DTU Copenhagen,	DK
* Rajeev Gore,	ANU Canberra,	AUS
* Felix Klaedtke,	ETH Zurich,	CH
* Daniel Kröning,	Oxford University,	UK
* Martin Lange,	LMU Munich,	D
* Christof Löding,	RWTH Aachen,	D
* Carsten Lutz,	Univ. of Bremen,	D
* Renate Schmidt,	Univ. of Liverpool,	UK
* Colin Stirling,	Univ. of Edinburgh,	UK

FURTHER INFORMATION:

- Workshop website:
<http://www2.imm.dtu.dk/~vfgo/CLODEM2010/CLODEM2010.html>
- FLoC'10 website:
<http://www.floc-conference.org/>
- LICS'10 website:
<http://www2.informatik.hu-berlin.de/lics/lics10/index.html>
- IJCAR'10 website:
<http://www.floc-conference.org/IJCAR-home.html>

ENQUIRIES to the organizers:

- Valentin Goranko, <http://www2.imm.dtu.dk/~vfgo>
- Martin Lange, <http://www.tcs.ifi.lmu.de/~mlange>