



LCD'07 : Workshop on Logics and Collective Decision making

Erasmus International Institute MSH Nord-Pas-de-Calais

March 13-14, 2007, Lille, France

lcd07@hotmail.fr

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We would like to welcome you to a workshop on the connections between **logics and collective decision making theories** that is to take place in Lille on March 13-14, 2007.

Group decision-making problems occur every time a collective choice has to be made from several individuals that have conflicting interests or preferences. There has been recently a growing interest on the use of logic as the basic tool for formalizing and computing those problems. This is in particular true in two close fields of research. The first one lies at the intersection of game theory and logics, especially by exploring how modal logics may be used to model and reason about games. A second one, which focuses on the logical insights into rational collective choice, has recently emerged around problems of judgment aggregation and beliefs/goals merging, on the one hand, and logical formalization of welfare distribution processes (social software), on the other. These two domains propose further formal refinements, using logical tools, of the classical theories of collective decision-making, by offering new evaluation criteria of and new ways of building social choice procedures. These new insights into these collective decision-making theories also offer new perspective to political philosophy and ethics. The workshop aims at sparking off interaction between social choice theorists, computer scientists, logicians and philosophers.

The workshop will take place at the University of Lille 3, Villeneuve d'Ascq, France.

Invited Speakers

[Ken Binmore](#) (DE, University College London)

[Franz Dietrich](#) (University of Maastricht and LSE)

[Wiebe van der Hoek](#) (DCS, University of Liverpool)

[Gabriella Pigozzi](#) (CSC, University of Luxembourg)

CALL FOR PAPERS

The aim of this workshop is to promote interaction between researchers in the areas of **logics and collective decision-making theories**.

We invite submissions of abstracts in the interface of the above or related areas that investigate common problems. A non-exhaustive list of topics of interest include

- logics of collective decision-making and social software
- belief merging and judgment aggregation
- social-choice theoretical approaches to logics and to the philosophy of logics
- logics and deliberative democracy
- preference representation and social choice
- choice and game theory in political philosophy and ethics
- formal perspective in politics and ethics
- epistemic foundations of solution concepts and reasoning in bargaining games

Submission details

Authors should send an abstract (in pdf, postscript or word format) to lcd07@hotmail.fr by January, 31st. Submissions should typically be 3 pages long (excluding bibliographical references). There will be no published proceedings, so there is no copyright problem for presenting works already published. The mail should contain the authors' name, affiliation(s) and current position(s). We strongly encourage PhD students to submit, as we might organize a student session. Notification of acceptance will be given by February, 9th.

Important Dates

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|----------------------------|-------------------|
| Submission of Abstracts | January 31, 2007 |
| Notification of Acceptance | February 9, 2007 |
| LCD'07 Workshop | March 13-14, 2007 |

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You can contact us via lcd07@hotmail.fr.

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