

Announcement :

Cost IC0602 International Doctoral School
Algorithmic Decision Theory: MCDA and MOO
Session 2007 : September 17-21, 2007, Han sur Lesse, Belgium

Organizing and scientific committee: R. Bisdorff (SMA-UL, Luxembourg), D. Bouyssou (CNRS-LAMSADE, Paris), M. Pirlot (FPMs, Mons, Belgium), A. Tsoukias (CNRS-LAMSADE, Paris).

This programme is an activity of the COST Action IC0602 "Algorithmic Decision Theory" (<http://www.cost.esf.org/index.php?id=1089>). It is also supported by EU-DEAL (European Decision Aiding Laboratory).

Goals:

- Promote training and research in the field of multiple criteria decision analysis (MCDA) and multi-objective optimization (MOO)
- Develop contacts and collaboration among researchers in this field.

Target participants: doctoral students engaged in decision theory or analysis in a broad sense (i.e. MCDA, MOO, decision under risk and uncertainty, algorithmic decision theory, preference modelling and elicitation, etc.)

Organisation: during their stay, up to 25 selected doctoral students will receive intensive training in two selected topics dispensed by two prominent scholars; the participants will be given an opportunity to present their own work and receive a feedback. Additional senior researchers will stay for one or two days and give a talk. All presentations and discussions will be in English.

Practical issues: the participants will be accommodated in the Centre "Les Masures" located in Han-sur-Lesse, a touristic resort in the Southern part of Belgium (the Belgian Ardennes). The working sessions will take place in the Centre, as well as the meals. Accommodation is in bungalows for 2 persons and some rooms in the main building. The Centre is easy to reach from Brussels, either by road (2h) or by public means (train + bus : 2h as well; about one connection every 3 hours; busses stop in front of the Centre). Further information is available at <http://www.restode.cfwb.be/cdpa/pages/han/pub-han.htm>.

Sketch of the programme: a typical day will consist of two lectures of two hours on the following topics (provisional titles):

- Rank-dependent utility: key preference conditions and elicitation, by M. Abdellaoui (CNRS, Paris)
- Multi-objective optimization – Theory, Algorithms, and Applications, by M. Ehrgott (Univ. Auckland and CNRS, Nantes).

About three hours will be devoted to presentation and discussion of their research by the participants. A couple of senior researchers will visit the School and deliver a lecture.

Fee: the School is supported by the COST Action IC0602 “Algorithmic Decision Theory”. The fee for students is 150 € for the entire stay (full pension). Travel expenses are not covered by the organizers.

Application: doctoral students, especially those in early stages of their research, are invited to apply for participation to the School by sending a short CV that mentions their background and their research interests and/or achievements. Applications must be sent before

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to Marc Pirlot (marc.pirlot@fpms.ac.be). The scientific committee will select the participants on the basis of their research interests; priority will be given to students from countries involved in the COST Action. Applicants will be informed of the decision of the committee by July 10, 2007.

For further information send an e-mail to marc.pirlot@fpms.ac.be.