

Workshop on
Evolutionary Methods for Multi-Objective Optimization and
Decision Making

During

20th International Conference on Multi-Criterion Optimization and
Decision Making (21-26 June 2009) Chengdu, China

Organizers: Kalyanmoy Deb and Eckart Zitzler

The goal of this workshop is to showcase salient current research and application studies on multi-objective optimization and decision making using evolutionary computation methodologies during the mainstream conference in MCDM. The major research and application in evolutionary multi-objective optimization (EMO) started in early nineties and was boosted by their flexibility and ability to find multiple near Pareto-optimal solutions in a single simulation. Since the early studies, EMO methodologies are increasingly being used in different problem solving tasks including sciences, engineering and commerce. Lately, EMO methodologies are also being integrated with MCDM techniques to handle both optimization and decision-making tasks usually involved in a multi-objective optimization study.

The organization of the workshop within the mainstream MCDM conference is likely to foster collaborations between major research fields in multi-objective optimization and decision making today.

The workshop invites high quality papers in all theoretical, developmental, implementational and applied aspects of EMO and decision making. Papers focussing on hybrid EMO and MCDM methodologies are highly encouraged.

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Refereeing and the selection of papers will be carried out according to the standards of Lecture Notes in Economics and Mathematical Systems. Papers must not exceed eight pages in length in the LNEM style.

- Paper Submission Deadline: 20 December 2008
- Notification of workshop acceptance: 10 January 2009
- Camera-ready of accepted workshop papers: 31 January 2009
- Final advanced registration of workshop opens: 31 January 2009
- Workshop date: 21 June 2009, Conference dates: 21-26 June 2009

A pdf file of the paper can be submitted to any of the two organizers (kalyanmoy.deb@hse.fi or zitzler@tik.ee.ethz.ch) on or before the deadline.