



First Call for Paper

Hotel Taikanso, Matsushima, Japan, 5 to 8 March, 2007

The Institute of Fluid Science (IFS), Tohoku University, is proud to invite you to the Fourth International Conference on Evolutionary Multi-Criterion Optimization (EMO 2007), which will be held at Hotel Taikanso, Matsushima, near Sendai, Japan, from 5 to 8 March, 2007. Sendai is two hours north from Tokyo by the bullet train.

Following the very successful EMO 2001, EMO 2003 and EMO 2005 conferences, which were held at Zurich, Switzerland, Faro, Portugal, Guanajuato, Mexico, in 2001, 2003 and 2005, respectively, this will be the fourth international conference dedicated entirely to this important topic.

The EMO 2007 conference will highlight recent research in the rapidly growing field of evolutionary multi-criterion optimization (EMO). Theory, practice and applications of all forms of evolutionary computation related to multi-criterion decision-making (MCDM) will be covered. Topics include, but are not limited to:

- ◆ EMO algorithm developments (e.g., constraint handling, diversity preservation, elitism, techniques to deal with a high number of objectives and/or decision variables; either evolutionary or based on other heuristics such as particle swarm optimization, differential evolution, cultural algorithms, etc.)
- ◆ Theoretical analysis of EMO algorithms
- ◆ Test problem, metrics and comparative studies for EMO
- ◆ Comparison/Integration of EMO and MCDM
- ◆ EMO software development
- ◆ Real-world/Industrial applications of EMO algorithms

EMO 2007 will include the following types of sessions:

- ◆ Keynote Lectures
- ◆ Tutorial Sessions
- ◆ Regular Oral Sessions
- ◆ Interactive Poster Sessions

Exhibits will be planned to encourage industrial participation.

The conference venue is Hotel Taikanso at Matsushima, a resort hotel near Sendai. The hotel overlooks the Matsushima bay and hundreds of small islands. Various types of rooms will be available at conference rate and special discount will be provided for young researchers and students.

Conference URL Address

<http://www.is.doshisha.ac.jp/emo2007/>



Sunrise at Matsushima Bay

Important Dates

Draft paper submission: 30 September 2006 (Saturday)
Author notification: 10 November 2006 (Friday)
Final camera-ready papers due: 07 December 2006 (Friday)
Early registration: 05 February 2007 (Monday)
Conference starts: 05 March 2007 (Monday)

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Shigeru Obayashi, IFS, Tohoku University, Japan
Carlo Poloni, University of Trieste, Italy
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