JCC 2009
First Workshop on
Emergent Computing

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Important Dates

**Submission Deadline
July 24th, 2009**

**Notification of acceptance
October 2nd, 2009**

**Camera ready copy due
October 16th, 2009**

Program Committee

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Emergent Computing studies and uses biologically and socially inspired systems in which complex behaviour at the global level emerges from the interaction of a set of simple components. The goal of Emergent Computing is to solve complex real-world problems. We need methods that find acceptable solutions in a constrained amount of time. Solutions are also required to be robust and may evolve under changing circumstances. Many biological and social systems are very good at doing exactly this, and they can be a great source of inspiration to design new methods for problem solving.

We invite papers in all the areas of Emergent Computing. Workshop topics include, but are not limited to:

- Artificial Immune Systems, Combinatorial Optimisation, Evolutionary Computing, Hyperheuristics, Metaheuristics, Pervasive Adaptation.

- Development of new or hybrid approaches.

- Innovative applications of the AI techniques to tackle challenging problems (real-world applications or theoretical).

Submissions

Paper submissions should be no longer than ten pages, and **must be written in English**, following the IEEE double column format, in letter size .

To submit a paper, use the following webpage:

http://www.myreview.usach.cl/WEC

If this is not possible, please contact the workshop chair.

Participants will be selected based on refereed submissions. All accepted papers will be presented at the workshop as an oral presentation or as a poster.

A digital version of the proceedings of the workshop will be available at the conference. A selection of papers will appear in the main conference proceedings published by the IEEE Computer Society.

Journal Fundamenta Informaticae

An extended version of the best papers presented in the workshop will be considered, to be published in the Fundamenta Informaticae Journal (ISI indexed).

International Journal of Natural Computing Research – IJNCR

Some selected papers will be invited to submit an extended version for the International Journal of Natural Computing Research.

Additional Information

JCC 2009 Conference Homepage: http://jcc2009.usach.cl