– Second Call for Papers –

PPSN 2008

10th International Conference on
Parallel Problem Solving from Nature

September 13 – 17, 2008
Technische Universität Dortmund, Germany

www.ppsn2008.org

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Important Dates
Submission Due: April 14, 2008
Author Notification: June 2, 2008

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INTRODUCTION
The Tenth International Conference on Parallel Problem Solving from Nature (PPSN X) will be held in Dortmund, Germany on 13-17 September 2008. This meeting will bring together an international community from academia, government, and industry interested in algorithms suggested by the unifying theme of natural computing.

Natural Computing is the study of computational systems that use ideas and get inspiration from natural systems, including biological, ecological, physical, chemical, and social systems. It is a fast growing interdisciplinary field in which a range of techniques and methods are studied for dealing with large, complex, and dynamic problems with various sources of potential uncertainties.

SCOPE
PPSN X will showcase a wide range of topics in Natural Computing including, but not restricted to: Evolutionary Computation, Quantum Computation, Molecular Computation, Neural Computation, Artificial Life, Swarm Intelligence, Artificial Ant Systems, Artificial Immune Systems, Self-Organizing Systems, Emergent Behaviors, and Applications to Real-World Problems.

WORKSHOPS AND TUTORIALS
As usual there will be workshops (on Sept. 13) and tutorials (on Sept. 14). Please watch the conference homepage for up-to-date news.

PAPER PRESENTATION
Following the now well-established tradition of PPSN conferences, all accepted papers will be presented during small poster sessions of about 16 papers. Each session will contain papers from a wide variety of topics, and will begin by a plenary quick overview of all papers in that session by a major researcher in the field. Past experiences have shown that such presentation format led to more interactions between participants and to a deeper understanding of the papers. All accepted papers will be published in the proceedings as a volume of Springer's Lecture Notes in Computer Science (LNCS).

PAPER SUBMISSION
Researchers are invited to submit original work in the field of natural computing as papers of not more than 10 pages. Authors are encouraged to submit their papers in LaTeX. Papers must be submitted in Springer Verlag's LNCS style through the conference homepage http://www.ppsn2008.org