PPSN 2014

13th International Conference on
Parallel Problem Solving from Nature

**September 13-17, 2014
Ljubljana, Slovenia**

http://ppsn2014.ijs.si

CALL FOR PAPERS

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Jurij Šilc
    Jožef Stefan Institute, Slovenia

Local Organizing Committee Chair
Gregor Papa
    Jožef Stefan Institute, Slovenia

Important Dates

Workshop proposal submission	*November 18, 2013*
Tutorial proposal submission	*November 18, 2013*
Workshop acceptance notification	*December 18, 2013*
Tutorial acceptance notification	*December 18, 2013*
Paper submission	**March 31, 2014**
Author notification	*May 19, 2014*
Camera-ready paper submission	*June 2, 2014*
Early registration	*June 4, 2014*
Conference	*September 13-17, 2014*

AIMS AND SCOPE

The 13th International Conference on Parallel Problem Solving from Nature (PPSN XIII) will be organized by the Jožef Stefan Institute, Ljubljana, Slovenia, and held at the Ljubljana Exhibition and Convention Centre on September 13-17, 2014. The conference aims to bring together researchers and practitioners in the field 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.

PPSN 2014 will be a showcase of a wide range of topics in Natural Computing, including, but not restricted to, Evolutionary Computation, Neural Computation, Molecular Computation, Quantum Computation, Artificial Life, DNA Computing, Swarm Intelligence, Artificial Ant Systems, Artificial Immune Systems, Self-Organizing Systems, Evolutionary Robotics, Emergent Behavior, and Applications to Real-World Problems. The conference will also feature workshops and tutorials covering advanced topics in the field of Natural Computing.

PAPER PRESENTATION

Following the well-established tradition of PPSN conferences, all accepted papers will be presented during poster sessions. Each session will contain several papers, 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 deeper understanding of the papers.

All accepted papers will be published in the proceedings as a volume of the Lecture Notes in Computer Science (LNCS) Springer series. The format should follow the LNCS style (http://www.springer.de/comp/lncs/authors.html).

Prospective authors are invited to contribute their high-quality original results in the field of Natural Computing as papers of no more than 10 pages.

SPONSORSHIPS

The Organizing Committee is pleased to offer PPSN 2014 conference sponsorship opportunities. By sponsoring PPSN 2014, your organization will connect with the natural computing community and promote your activities in the field. Past sponsors of the PPSN series have included: Intel, Microsoft, HP and many others.

CONTACTS

Email: ppsn2014@ijs.si
Twitter: twitter.com/ppsn2014