evo***** > evo**applications**

evo**iasp** ²⁰¹¹

13th european event
on evolutionary computation
in image analysis and signal
processing

27-29 april 2011
torino – italy
www.evostar.org

submission deadline
* 22 november 2010
notification to authors
* 7 january 2011
camera-ready deadline
* 1 february 2011

Evolutionary algorithms have been shown to be tools which can be used effectively in the development of systems (software or hardware) for image analysis and signal processing in complex domains of high industrial and social relevance.

evo**iasp** has been the first European event specifically dedicated to the applications of evolutionary computation (ec) to image analysis and signal processing (iasp) and gives European and non-European researchers in those fields, as well as people from industry, an opportunity to present their latest research and to discuss current developments and applications, besides fostering closer future interaction between members of the three scientific communities.

In 2011, evo**iasp** will reach its thirteenth edition, after being held in Gothenburg, Sweden (1999), Edinburgh, UK (2000), Como, Italy (2001), Kinsale, Ireland (2002), Colchester, UK (2003), Coimbra, Portugal (2004), Lausanne, Switzerland (2005), Budapest, Hungary (2006), Valencia, Spain (2007), Naples, Italy (2008), and Tuebingen, Germany (2009), Istanbul (2010).

evo**iasp** is part of evo**applications** 2011, the Conference on Applications of Evolutionary Computation, one of the events which will take place under the common name of evo***** 2011.

areas of interest and contributions
Topics of interest include, but are not limited to:
* applications of evolutionary; computation to real-life iasp problems
* evolvable vision and signal processing hardware;
* evolutionary pattern recognition;
* hybrid architectures for machine vision and signal processing including evolutionary components;
* theoretical developments;

* comparisons between different evolutionary techniques and between evolutionary and non-evolutionary techniques in iasp applications;
* time series analysis by means of ec techniques.

publication details
Accepted papers will appear in the proceedings of evo*****, published in a volume of the *Springer Lecture Notes in Computer Science*, which will be available at the Conference.

submission details
Submissions must be original and not published elsewhere. The submissions will be peer reviewed by at least three members of the program committee. The authors of accepted papers will have to improve their paper on the basis of the reviewers' comments and will be asked to send a camera ready version of their manuscripts. At least one author of each accepted work has to register for the conference and attend the conference and present the work.

The reviewing process will be double-blind, please omit information about the authors in the submitted paper. Submit your manuscript in Springer lncs format.
* Submission link:
http://myreview.csregistry.org/ evoapps11
* Page limit: 10 pages.

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