

Organizing Committee

Stefano Cagnoni
University of Parma
Chair

Leonardo Vanneschi
University of Milan Bicocca
Local Organizer

Andrea Tettamanzi
University of Milan Crema
Chair, Industrial Liaison

Stefania Bandini
University of Milan Bicocca
Chair, AIIA Congress

Marco Gori
University of Siena
*President, AI*IA*
President, IEEE CIS Italian Chapter

Vincenzo Piuri
University of Milan Crema
President-elect, IEEE CIS

Important Dates

8 July 2005

Tutorial proposals due

8 July 2005

Papers due

15 July 2005

Notification of acceptance

25 July 2005

Camera-ready papers due

20 september 2005

AI*IA Workshops

21-23 September

IX Congress of AI*IA

Scientific Sponsors:



Italian Association for
Artificial Intelligence



IEEE Computational
Intelligence Society
Italian Chapter

AI*IA WORKSHOP ON EVOLUTIONARY COMPUTATION

(1^a Giornata di Studio Italiana sul Calcolo
Evoluzionistico GSICE05)

University of Milan Bicocca

20 september 2005

***** **EXTENDED DEADLINES** *****

Evolutionary computation (EC) has been the fastest-growing and probably most active sub-field of soft computing in the last decade.

Despite a significant presence of Italian researchers in European and International research projects and conferences on EC, no event dedicated to the general field of EC has ever been organized in Italy, except for a few workshops on specific sub-topics.

Organizing a satellite workshop of the Congress of the Italian Association for Artificial Intelligence (AI*IA), whose attendance has been spreading through the years well beyond the national boundaries, is an excellent opportunity to start what we hope will become a traditional appointment in the EC calendar. Despite the workshop focus on national activity, contributions from researchers from any country are welcome: science has no boundaries.

The principal aims with which this first event is organized are:

- establishing a meeting point where Italian researchers are given the opportunity to exchange ideas, among one another and with researchers from other countries
- starting a series of events to be held yearly in Italy
- to make industry aware of the potential of evolutionary computation methods in developing real-world applications
- to encourage the participation of undergraduate and graduate students, and to increase the number of researchers in the fields by attracting young researchers towards evolutionary computation

The expected audience will therefore be composed of researchers and students who are already working in the field, but also of representatives of industry and everybody who is interested in approaching evolutionary computation from the point of view of both basic research and applications.

CALL FOR PAPERS

Two types of contributions are solicited:

- **Tutorials** on different sub-topics and fields of application of evolutionary computation
- **Papers** reporting original research results on topics which include, but are not limited to:
 - Evolutionary computation theory
 - Real-world applications
 - Comparison between results of evolutionary methods and the state of the art in different application fields
 - Hybrid evolutionary/non-evolutionary methods

Tutorial proposals must not exceed 4 A4 pages (single-column, single spacing, 10 pt font size) and must be submitted by **8 July 2005**. Tutorials may also be published, in extended version, in the Workshop Proceedings. Papers must not exceed 10 A4 pages, in Springer LNCS format or equivalent (see, for example, <http://www.springeronline.com/sgw/cda/frontpage/0,11855,5-164-2-72376-0,00.html>) and must be submitted by **8 July 2005**. Contributions must be in English and must be submitted by email, in **Postscript or pdf format**, to the address gsice2005@ce.unipr.it by the proper deadlines. Accepted contributions will be published in the CD, officially ISBN-catalogued, which will include the proceedings of all satellite workshops of the Congress.