



Evolutionary Computation in Practice
at
Genetic and Evolutionary Computation
Conference

June 25-29, 2005

(Saturday - Wednesday)

Washington, D.C. USA

<http://isgec.org/gecco-2005/ecp.html>



Invitation for Abstract Submission

For the past three years, Evolutionary Computation in Industry (ECI) track at Genetic and Evolutionary Computation Conference (GECCO) has invited many managers, technology scouts and practitioners to participate in presentations and discussions describing how evolution-related technologies are being used to solve real-world problems (see <http://www.isgec.org/gecco-2002/eci.html>, <http://www.isgec.org/gecco-2003/eci.html> and <http://www.isgec.org/gecco-2004/eci.html>). In 2005, we will continue this tradition of project presentations and panel discussions from members in industry. Additionally, we want to expand our scope to include presentations by representatives from governmental agencies, non-profit organizations and others in the public sectors. Moreover, a new topic on bridging academic training and real-world usage of evolution-related technologies is introduced. To reflect these changes, we rename the track as Evolutionary Computation in Practice (ECP), indicating that it will become a forum to discuss issues related to practical application of Evolutionary Computation.

We invite you to present work that employs evolution-related technologies to solve real-world problems. We are accepting one to two page abstracts for review, with the following themes:

- Real-world application success story;
- Real-world application lessons learned;
- Academic case study in real-world applications;
- Expectations of academic training from industry;

The subject domains include, but not limited to the following:

- Biomedical;
- Design;
- Energy and Resource;
- Finance;
- Government and Military;
- Academic training for real-world applications;

The applied technology can be any evolution-related algorithms or its hybrid with other techniques. For a list of evolution-related technologies, please refer GECCO-2005 website: <http://isgec.org/gecco-2005>. Examples of other technologies are simulated annealing, tabu search, neural network, fuzzy logic, statistical modeling, and decision trees.

Submission deadline: January 31, 2005

Electronic submission is sent to: ECP2005@improvise.ws

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